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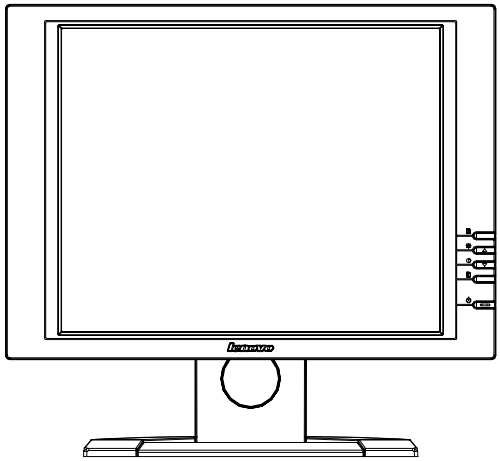

Service Manual

Horizontal Frequency
30 kHz -80kHz

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SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFOMER FOR THIS UNIT WHEN SERVICING

Revision List

Revision	Date	Revision History	TPV Model
A00	Oct-24-06	First Version Release	T76CM4CDB5H4NP
			T76CM4CDB5H6NP
			T76CM4CDB5H8NP
A01	May.-14-07	Add TPV Model In Item 12	T76CM4CCB5H4N
A02	May.-31-07	Add TPV Model In Item 12	T77CM4CCB5H4N
			T77CM4CDB5H4N
A03	Nov-02-07	Update BOM in Item 11	T76CM4CDB5H4NP
		Update BOM in Item 12	T76CM4CDB5H6NP
			T76CM4CDB5H8NP
			T76CM4CCB5H4N
			T77CM4CCB5H4N
			T77CM4CDB5H4N
		Add new BOM in Item 12	T77CM4CCB5H4NN

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Important Safety Notice

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design. Servicer assumes all liability.

FOR PRODUCTS CONTAINING LASER:

DANGER-Invisible laser radiation when open AVOID DIRECT EXPOSURE TO BEAM.

CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.

Take care during handling the LCD module with backlight unit

-Must mount the module using mounting holes arranged in four corners.

-Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.

-Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.

-Protect the module from the ESD as it may damage the electronic circuit (C-MOS).

-Make certain that treatment person’s body is grounded through wristband.

-Do not leave the module in high temperature and in areas of high humidity for a long time.

-Avoid contact with water as it may a short circuit within the module.

-If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

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1. Monitor Specifications

Items	Descriptions	
LCD Panel	Type	TFT Color LCD
	Size	43.2 cm (17 ")
	Pixel pitch	0.264mm(H)x 0.264mm(V)
	Viewable angle	170˚ (H) 170˚ (V) (CR⩾5) 140˚ (H) 130˚ (V) (CR⩾10)
	Response time (type)	12 ms (for CPT)
Input	Sync. Type	H/V TTL
	H-Frequency	30kHz – 80kHz
	V-Frequency	50Hz-75Hz
Power Consumption	ON Mode	< 42W
	OFF Mode	<2W
Contrast Ratio	500:1	
Dot Clock	135MHz	
White Luminance	300cd/m^2	
Maximum Screen Size	Horizontal:337.92mm Vertical:270.34mm	
Max. Resolution	1280 x 1024	
Display Color	16.2M	
Weight	4.5kg	
Plug & Play	VESA DDC2B™	
Power Source	100~240VAC,50/60Hz	
Environmental Considerations	Operating Temp: 0°C to 40°C Storage Temp: -20°C to 60°C Operating Humidity: 10% to 90%	

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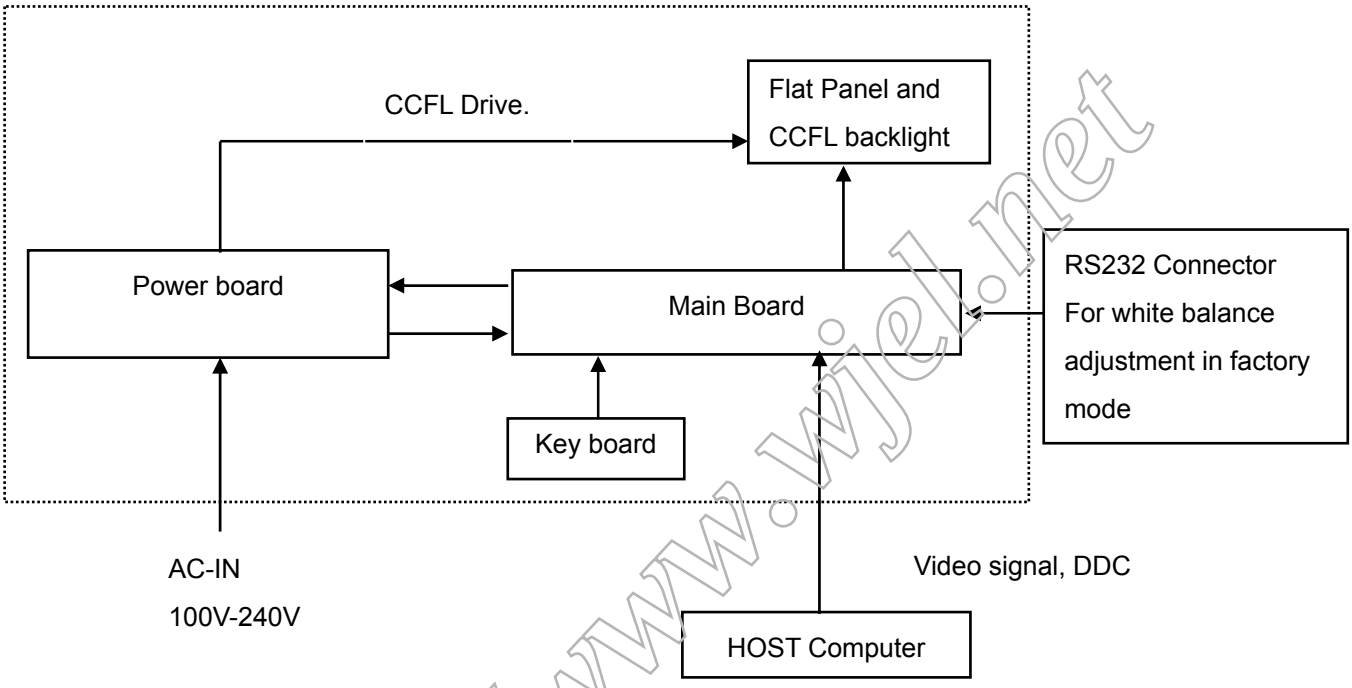
2. LCD Monitor Description

The LCD MONITOR will contain a main board, a power board and a key board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight of panel and the main board chips each voltage.

Monitor Block Diagram



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3. Operating Instructions

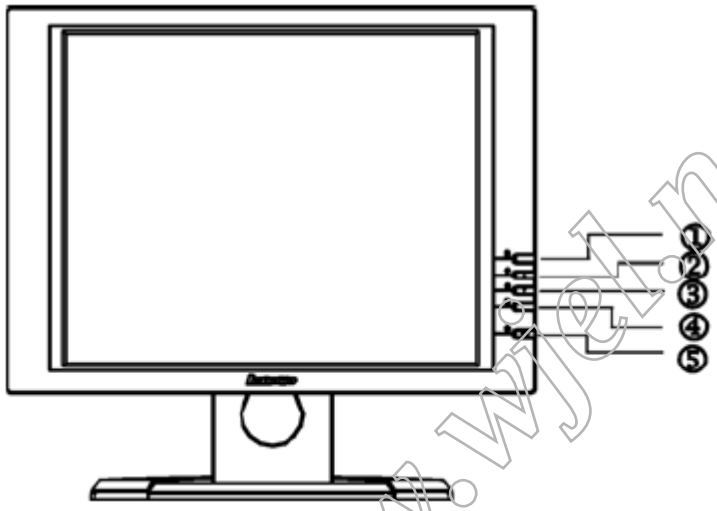
3.1 General Instructions

Press the power button to turn the monitor on or off. The control buttons are located on the right side of the monitor.

By changing these settings, the picture can be adjusted to your personal preferences.

- The power cord should be connected.
- Connect the video cable from the monitor to the video card.
- Press the power button to turn on the monitor, the power indicator will light up.

3.2 Control Buttons



1.	Auto Config / Exit	2.	▲/ Brightness
3.	▼/ Contrast	4.	MENU / ENTER
5.	Power / Power indicator		

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FRONT PANEL CONTROL

• **Power / Power indicator:**

Press this knob to switch ON/OFF of monitor’s power. and display the monitor’s state.

Blue — Power On mode.

Orange — Power Off mode.

• **MENU/ENTER / :** Activate OSD menu or function adjusts confirmation.

• **Contrast** / **▼:** Adjust contrast or function adjustment.

• **Brightness** / **▲:** Adjust brightness or function adjustment.

• **Auto Config Key / EXIT/:**

1. When OSD menu is in active status, this knob will act as EXIT-KEY (EXIT OSD menu).
2. When OSD menu is in off status, press this knob over 1 seconds to be in Auto Adjustment function. The Auto Adjustment function is used to set the HPos,VPos, Clock and Focus automatically.

NOTES • Do not install the monitor in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, or excessive dust or mechanical vibration or shock. • Save the original shipping carton and packing materials, as they will come in handy if you ever have to ship your monitor. • For maximum protection, repackage your monitor as it was originally packed at the factory. • To keep the LCD clean, periodically clean it with a soft cloth. Any kind of liquids will damage the LCD. • To keep the monitor looking new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner, benzene, or abrasive cleaners, since these will damage the cabinet. As a safety precaution, always unplug the monitor before cleaning it.

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3.3 Adjusting the Picture

The main menu will be displayed as follows. If OSD window is in Chinese when power on, press ▲ or ▼ to choose the next window. Choose the English, then press MENU Key . for confirming. OSD window will display in English.

1. Press the MENU-Key to show the OSD window.
2. Press ▲ or ▼ to select the adjusted item, then press the MENU-key .
3. Press ▲ or ▼ to change the settings of selected item. Press MENU-key .when desired setting is done.
4. If you want to adjust any other items, repeat steps 2-4.
5. To exit and save the setting, press ▲ or ▼ to the exit item and press MENU-key, or leave the monitor alone for 10 seconds.
6. When the OSD window is active, it shows the input signal timing.

ADJUSTING THE PICTURE

The description for function control LEDS

1. BRIGHTNESS & CONTRAST

   1.1 BRIGHTNESS

   Adjust the picture brightness.

   1.2 CONTRAST

   Adjust the picture contrast.

2. ADJUST POSITION

   2.1 HORIZONTAL POSITION

   Adjust the horizontal position of the picture.

   2.2 VERTICAL POSITION

   Adjust the vertical position of the picture.

3. VIDEO NOISE

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3.1 FOCUS

Adjust the picture Focus.

3.2 CLOCK

Adjust the picture Clock.

4. LANGUAGE

Multi-Language selection.

5. OSD TIMER

Choose OSD window display time.

6. COLOR TEMPERATURE

6.1 7800K/6500K (COLOR TEMPERATURE)

The color temperature for 7800K is x=0.296, y=0.311 and 6500K is x=0.313, y=0.329. It presents two different color sets on the screen. You can select 7800K or 6500K by pressing MENU Key.

6.2 USER MODE (Red / Green/ Blue)

If the 7800K normal white or 6500K warmer white do not satisfy your desire, properly adjust R .G. B GAIN controls to obtain your optimum whiteness level.

7. OSD POSITION

7.1 HORIZINTAL OSD

Adjust the horizontal position of the OSD Menu.

7.2 VERTICAL OSD

Adjust the vertical position of the OSD Menu.

8. EXIT OSD

Close OSD window.

9. RESET

Press RESET to restore the monitor to factory settings.

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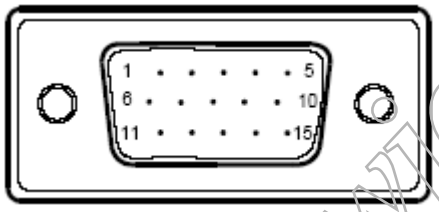
4. Input/Output Specification

4.1 Input Signal Connector

Pin No.	Description	Pin No.	Description
1.	Red Input	9.	+5VDC
2.	Green Input	10.	Ground
3.	Blue Input	11.	Ground
4.	Ground	12.	DDC-Serial Data
5.	Ground	13.	H Sync
6.	Red GND	14.	V Sync
7.	Green GND	15.	DDC-Serial Clock
8.	Blue GND		
VGA connector layout			
			

4.2. Factory Preset Display Modes

STANDARD	RESOLUTION	HORIZONTAL FREQUENCY	VERTICAL FREQUENCY
Dos-modo	720 × 400	31.47kHz	70Hz
VGA	640 × 480	31.47kHz	60Hz
	640 × 480	37.861kHz	72Hz
	640 × 480	37.50kHz	75Hz
SVGA	800 × 600	37.879kHz	60Hz
	800 × 600	48.077kHz	72Hz
	800 × 600	46.875kHz	75Hz
XGA	1024 × 768	48.363kHz	60Hz
	1024 × 768	56.476kHz	70Hz
	1024 × 768	60.02kHz	75Hz
SXGA	1280 × 1024	64.000kHz	60Hz
	1280 × 1024	80.000kHz	75Hz

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4.3 Panel Specification

4.3.1 General Characteristics

CLAA170EA07 is 17.0” color TFT-LCD (Thin Film Transistor Liquid Crystal Display) module composed of LCD panel, driver ICs, control circuit and backlight.

4.3.2 Display Characteristics

ITEM	SPECIFICATION
Display Area(mm)	337.920(H)x270.336(V) (17.0-inch diagonal)
Number of Pixels	1280(H)x1024(V)
Pixel Pitch(mm)	0.264(H)x0.264(V)
Color Pixel Arrangement	RGB vertical stripe
Display Mode	normally white, TN
Number of Colors	16.2M(6 Bit+FRC)
Brightness(cd/m^2)	300 cd/m^2(Typ.)(Center point, Lamp current=7.0 mA)
Viewing Angle	140/130(Typ.)
Surface Treatment	Anti-glare
Electrical Interface	LVDS , 2Ch
Total Module Power(W)	20.0 (Typ.)
Optimum Viewing Angle	6 o’clock
Module Size(mm)	358.5(W)x296.5(H)x17.5(D)
Module Weight(g)	2000(typ)
Backlight Unit	CCFL, 4 tables, edge-light(top*2/bottom*2)

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4.3.3 Optical Characteristics

Ta=25℃，VCC=5.0V

ITEM		SYMBOL	CONDITION	MIN.	TYP.	MAX.
Contrast Ratio		CR	θ = ϕ = 0°	450	500	--
Luminance	Center	L	θ = ϕ = 0°	250	300	--
	Uniformity	ΔL	θ = ϕ = 0°	75%	--	--
Response Time		Tr	θ = ϕ = 0°	--	5	10
		Tf	θ = ϕ = 0°	--	7	14
Viewing Angle	Horizontal	ϕ	CR≧5	80/80	85/85	--
	Vertical	θ		80/80	85/85	--
	Horizontal	ϕ	CR≧10	60/60	70/70	--
	Vertical	θ		60/55	67/63	--
Color Coordinates	White	Wx Wy	θ = ϕ = 0°	0.283 0.299	0.313 0.329	0.343 0.359
	Red	Rx Ry		0.614 0.308	0.644 0.338	0.674 0.368
	Green	Gx Gy		0.237 0.592	0.267 0.622	0.297 0.652
	Blue	Bx By		0.110 0.054	0.140 0.084	0.170 0.114
Image sticking		Tis	2 hour			2
Crosstalk		CT				1%
Flicker		f		--	--	-20
Gamut		CS		69%	72%	
Gamma		γ	GL(32-223)	2.0	2.3	2.6

4.3.4 Parameter guide line for CCFL Inverter

TFT LCD Module:

ITEM		SYMBOL	MIN	TYP	MAX	UNIT
Power Supply Voltage for LCD		Vin	4.5	5.0	5.5	V
Power Supply Current for LCD		Iin	-	700	950	mA
Permissive Input Ripple Voltage		VRP	-	-	100	mVp-p
Differential impedance		Zm	90	100	110	Ω
Logic input Voltage LVDS:IN+，IN-	Common Mode Voltag	VCM	1.125	1.25	1.375	V
	Differential Input Voltage	|VID|	250	350	450	mV
	Threshold Voltage(High)	VTH	-	-	100	mV
	Threshold Voltage(Low)	VTL	-100	-	-	mV
I rush Current		Irush			3	A

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Back Light Unit:

ITEM	SYMBOL	MIN	TYP	MAX	UNIT	REMARK
Lamp Voltage	VL	540	600	660	Vrms	IL=7.0mA
Lamp Current	IL	3	7	7.5	mArms	Note1,2
Interter Frequency	FL	45	50	65	kHz	Note3,4
Starting Lamp Voltage	VS	1710	--	--	Vrms	Tb=0℃
		1320	--	--	Vrms	Ta=25℃

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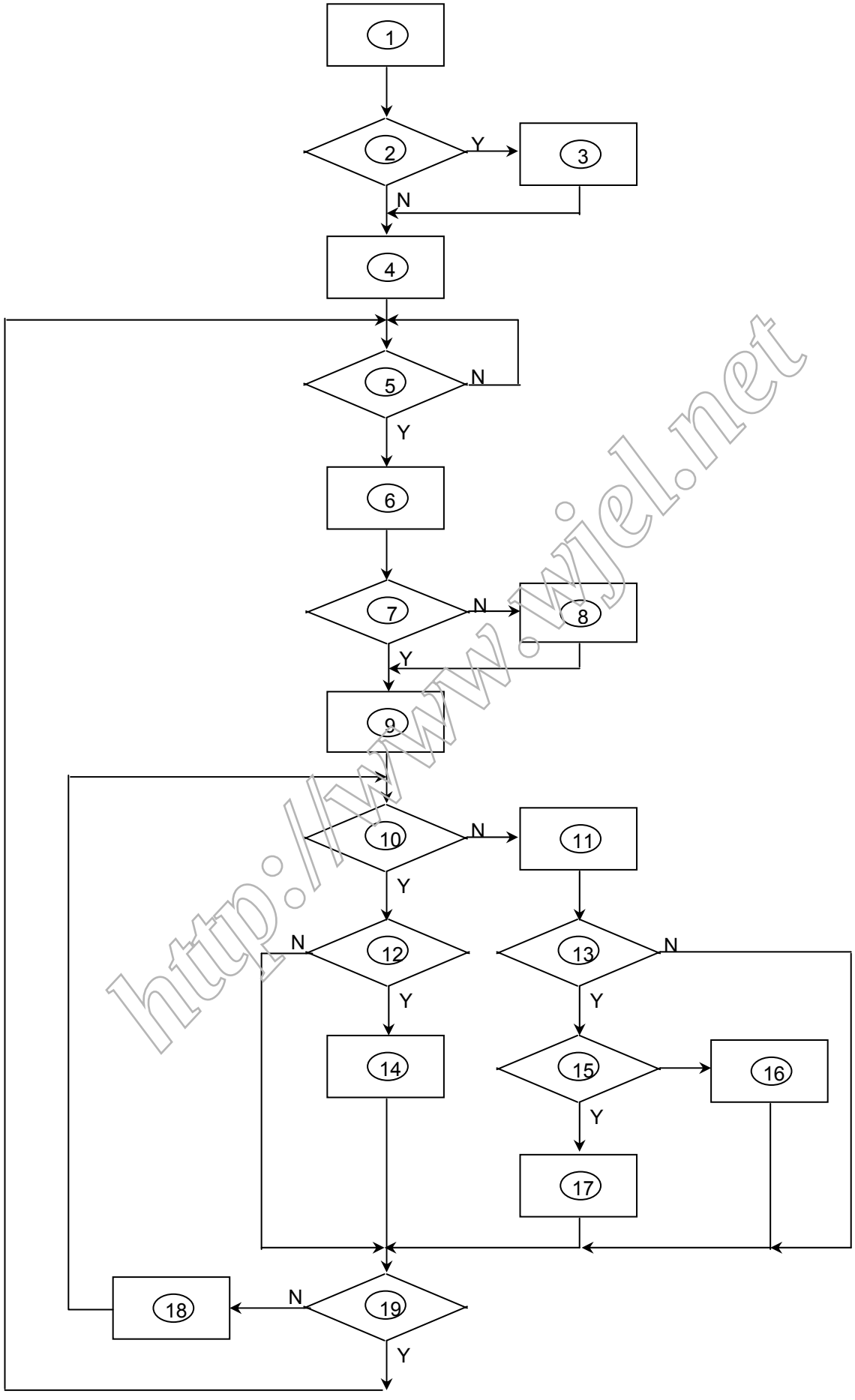
5. Block Diagram

5.1 Software Flow Chat



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1) MCU initialize.
2) Is the EPROM blank?
3) Program the EPROM by default values.
4) Get the PWM value of brightness from EPROM.
5) Is the power key pressed?
6) Clear all global flags.
7) Are the AUTO and SELECT keys pressed?
8) Enter factory mode.
9) Save the power key status into EPROM.
   Turn on the LED and set it to green color.
   Scalar initializes.
10) In standby mode?
11) Update the lifetime of back light.
12) Check the analog port, are there any signals coming?
13) Does the scalar send out an interrupt request?
14) Wake up the scalar.
15) Are there any signals coming from analog port?
16) Display "No connection Check Signal Cable" message. And go into standby mode after the message disappear.
17) Program the scalar to be able to show the coming mode.
18) Process the OSD display.
19) Read the keyboard. Is the power key pressed?

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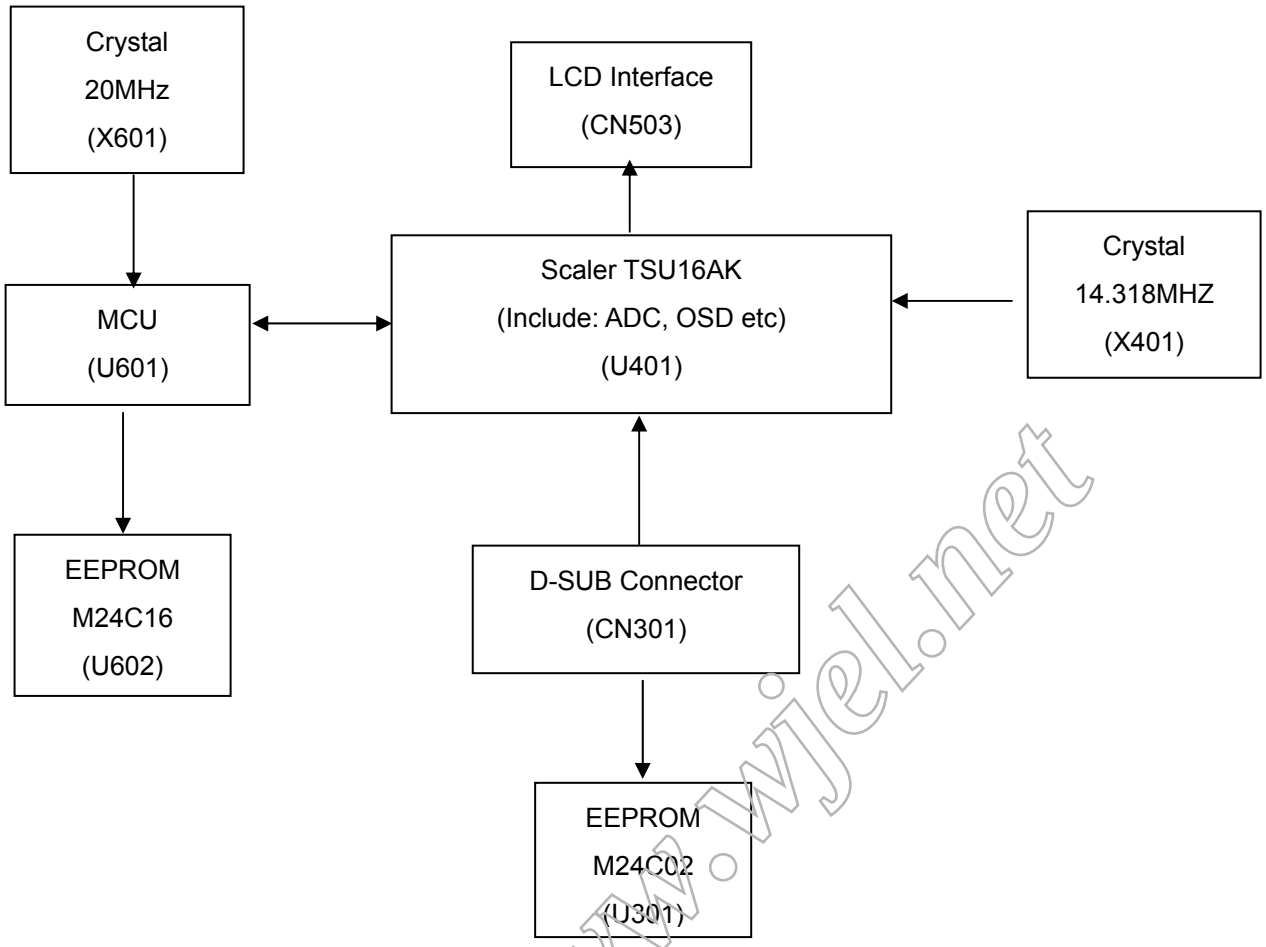
5.2 Electrical Block Diagram

5.2.1 Main Board



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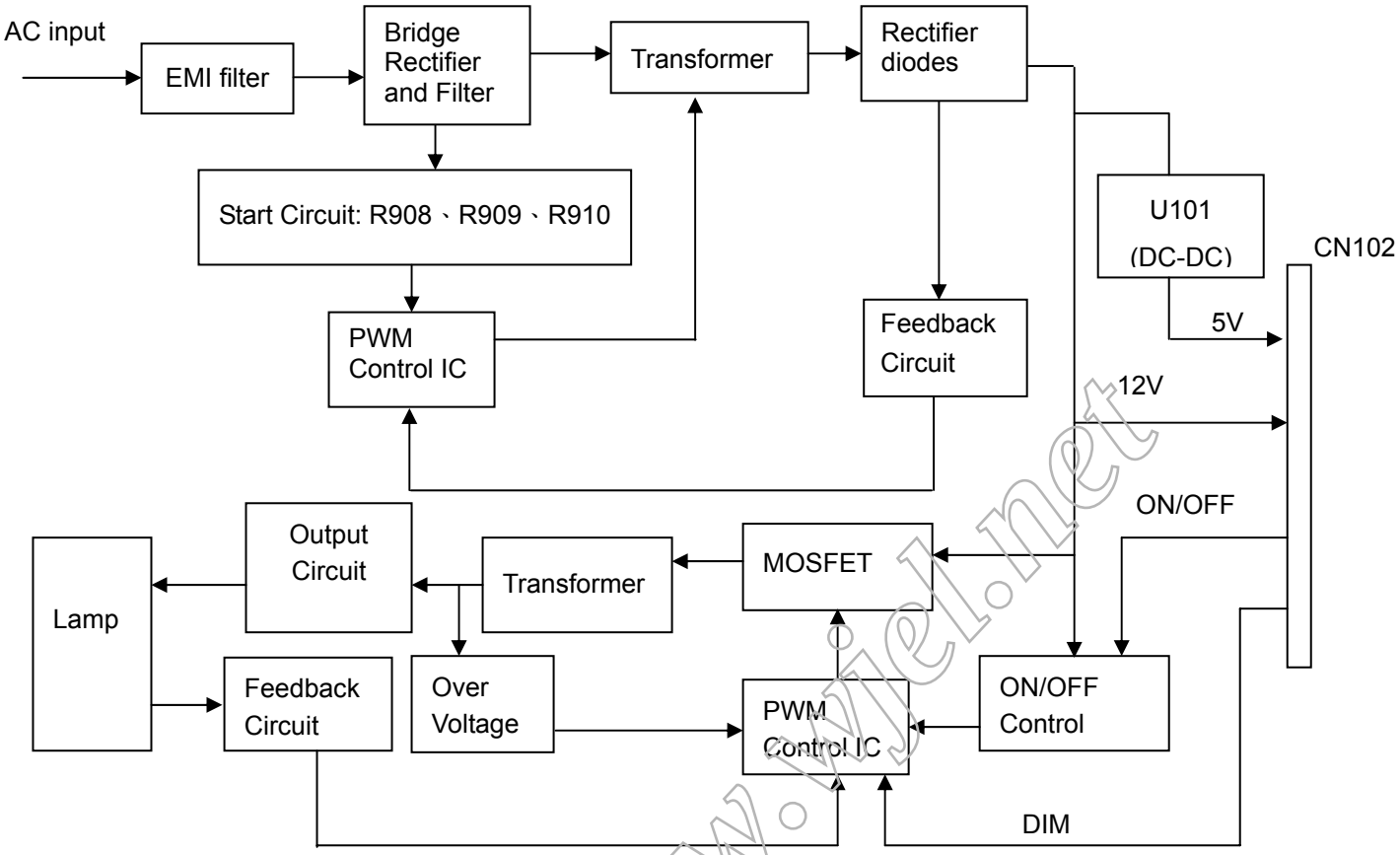
5.2.2 Inverter/Power Board



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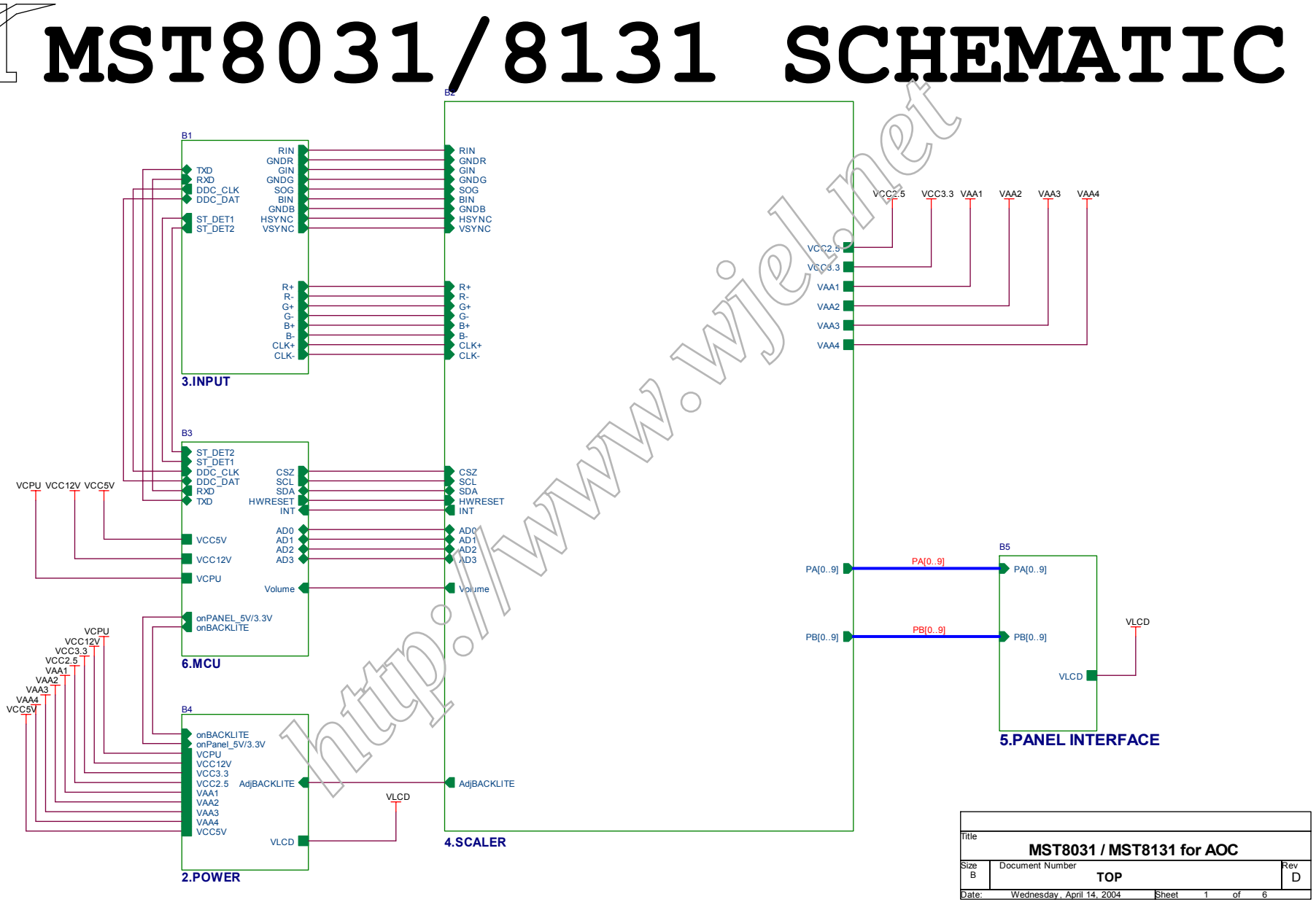
6. Schematic

6.1 Main Board



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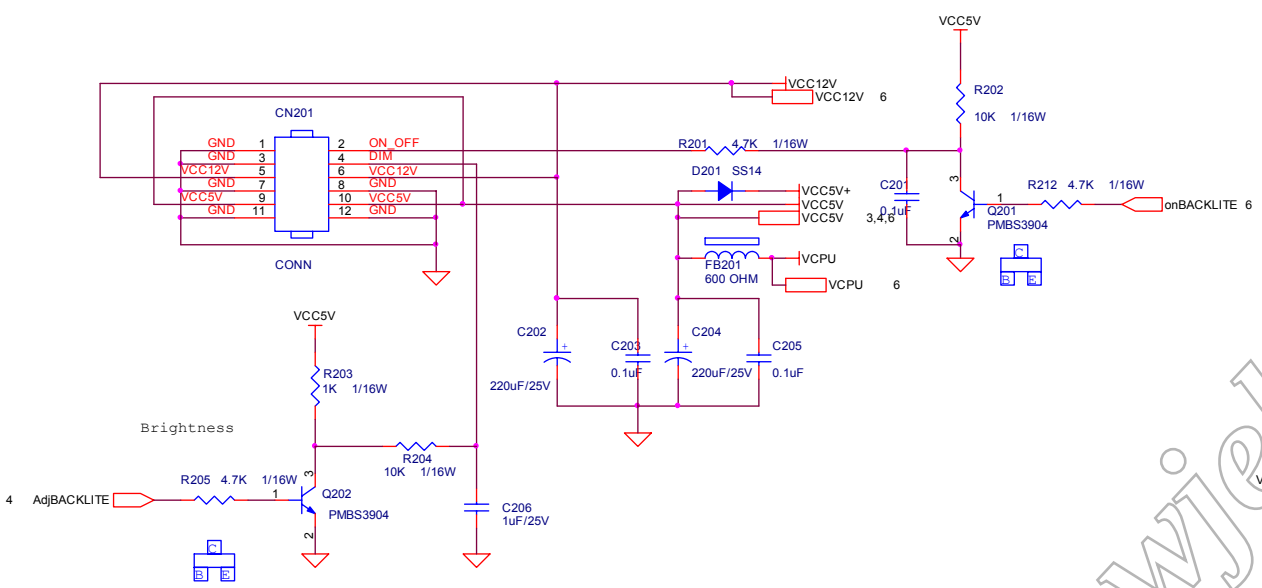
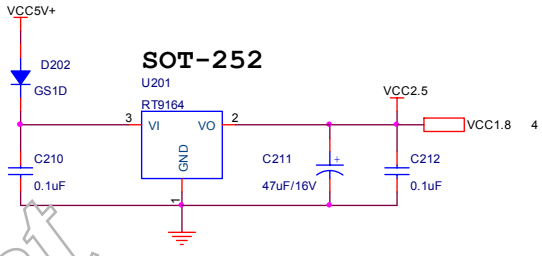
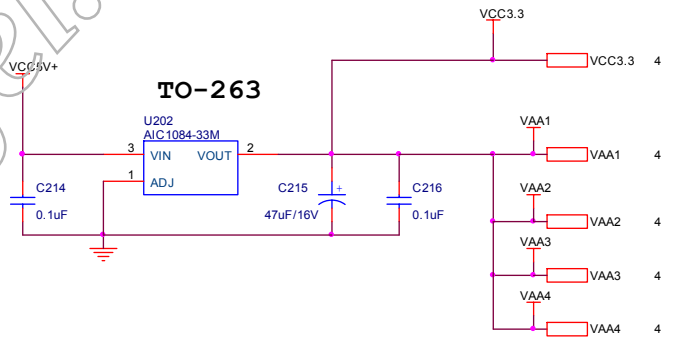
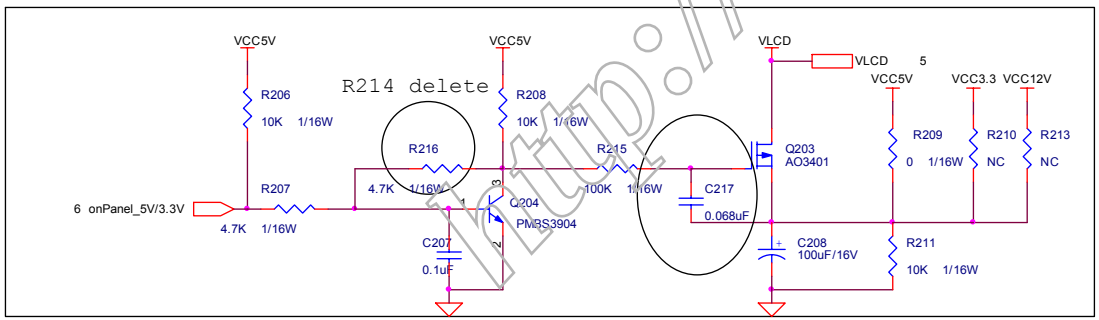






NEW Circuit



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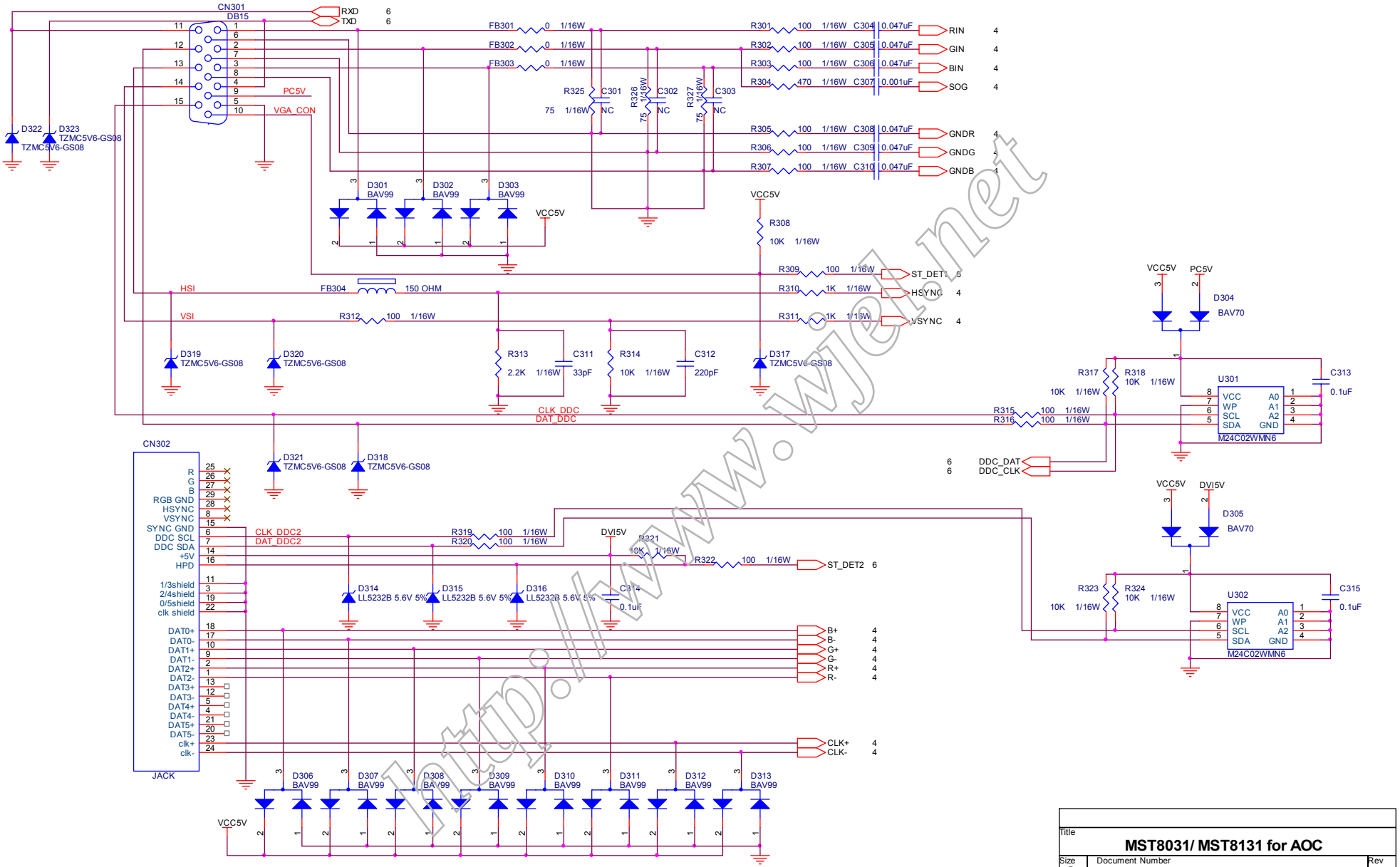
Size B	Document Number POWER	Rev D
Date: Tuesday, October 24, 2006	Sheet 2 of 6	



Title
MST8031/ MST8131 for AOC

Size	Document Number	Rev
B	INPUT	D

Date: Tuesday , November 09, 2004 Sheet 3 of 6

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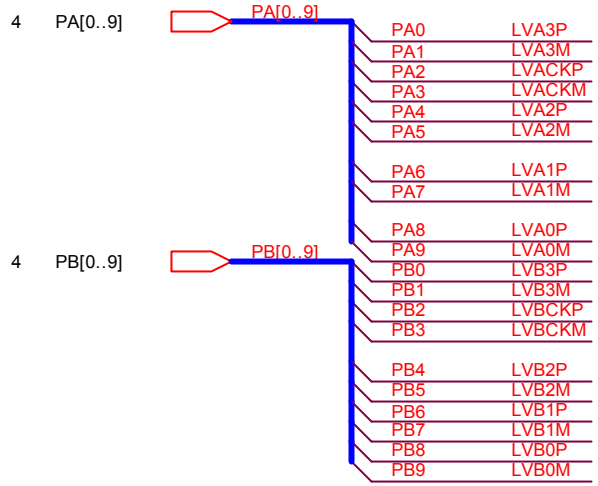

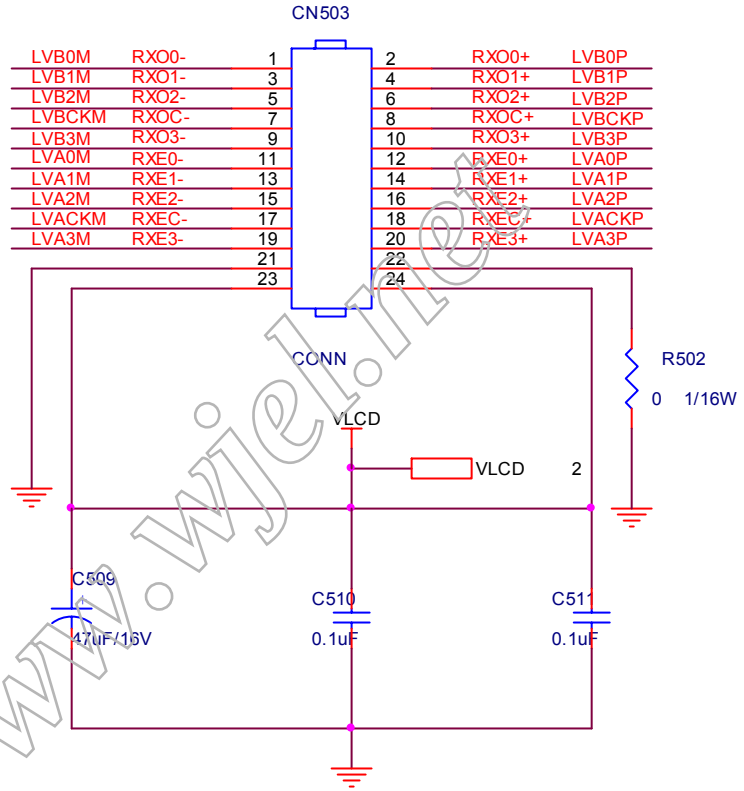

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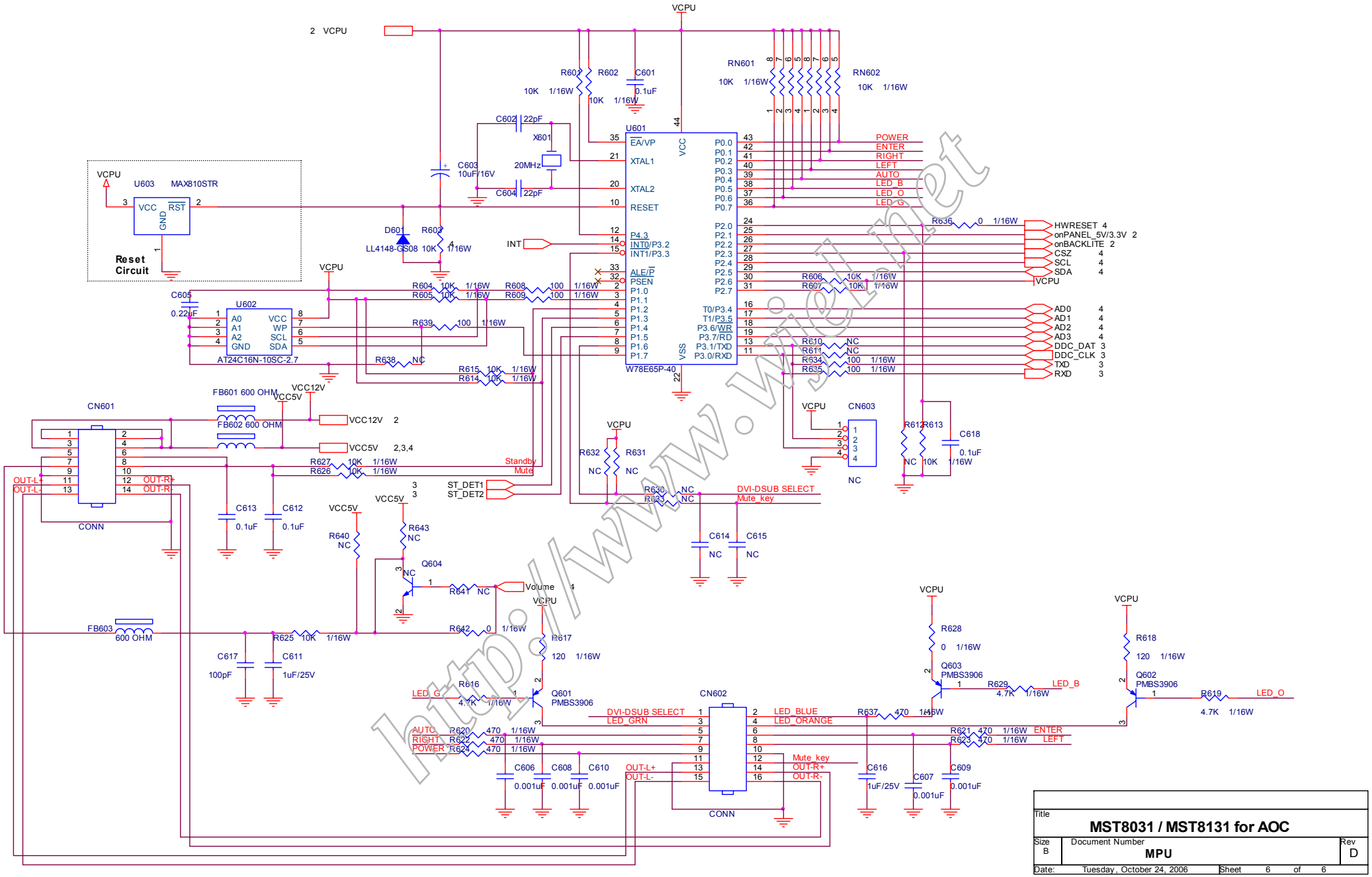
Size: A	Document Number: PANEL INTERFACE	Rev: D
Date: Wednesday, April 14, 2004	Sheet 5 of 6	



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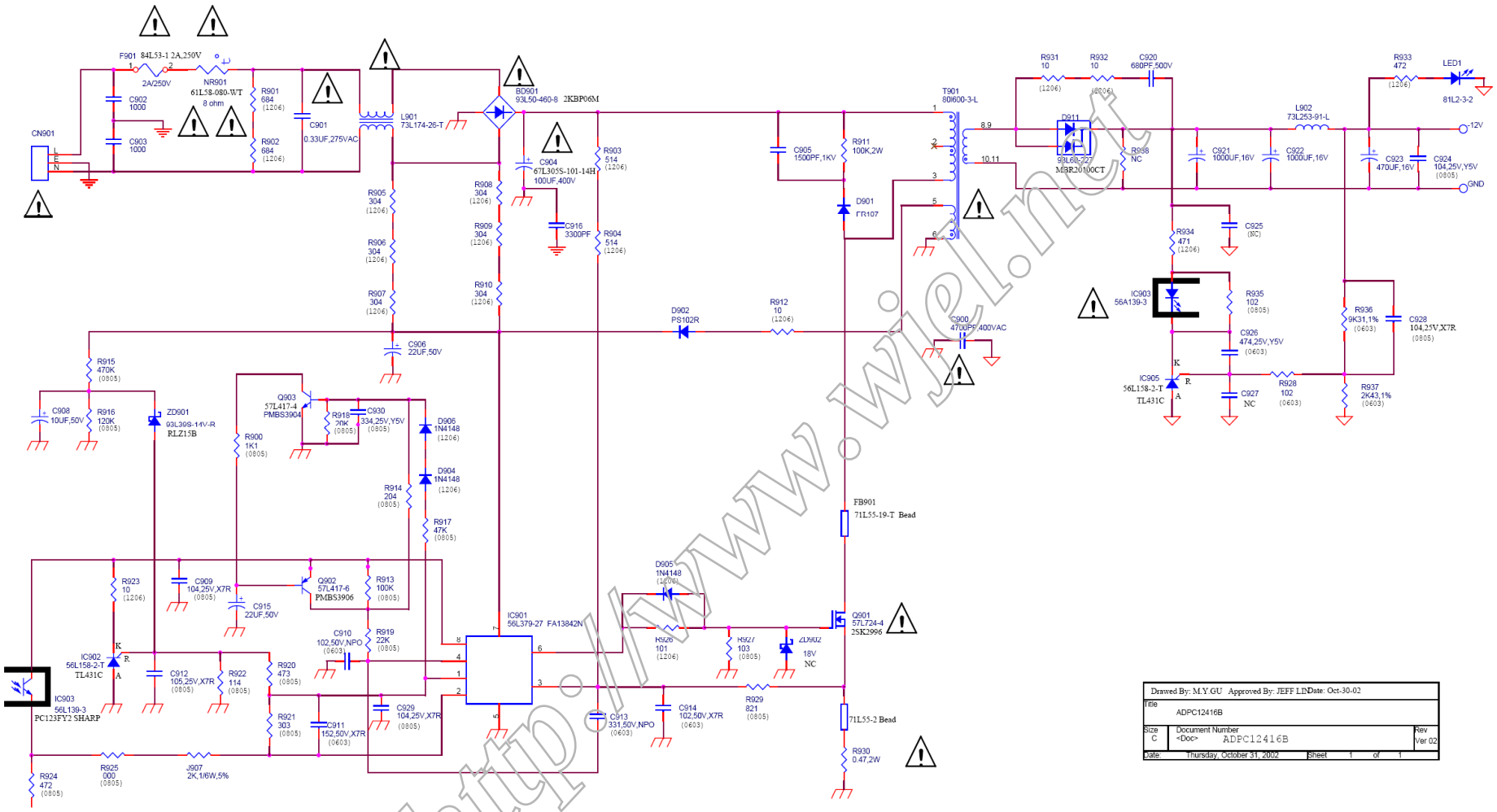
Size B	Document Number MPU	Rev D
Date: Tuesday, October 24, 2006	Sheet 6 of 6	

6.2 Power Board



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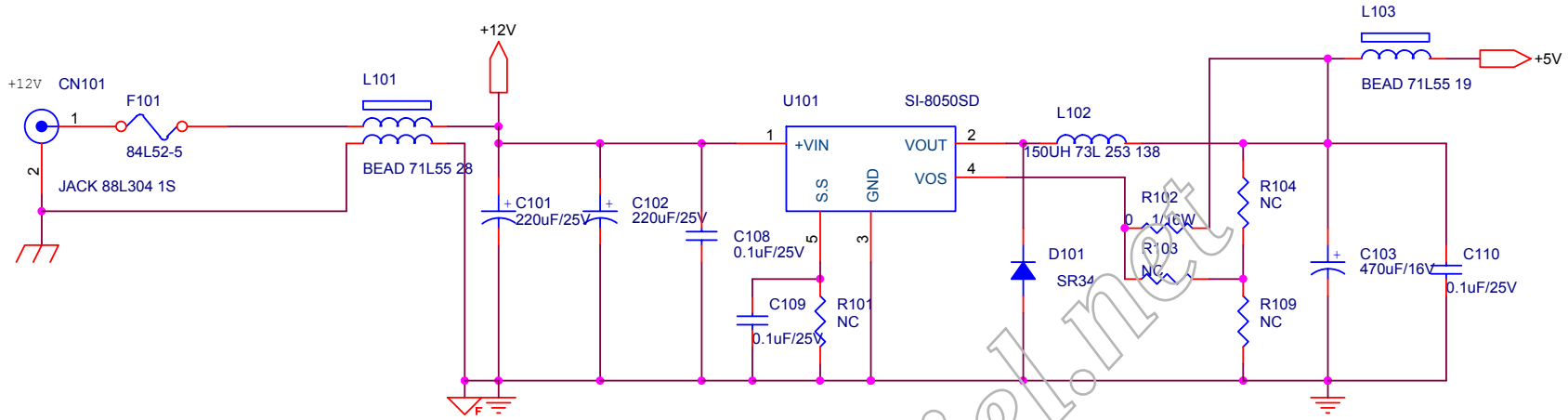

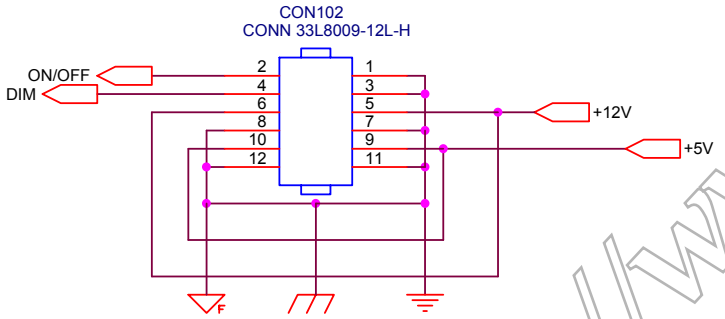

is power GND

is signal GND

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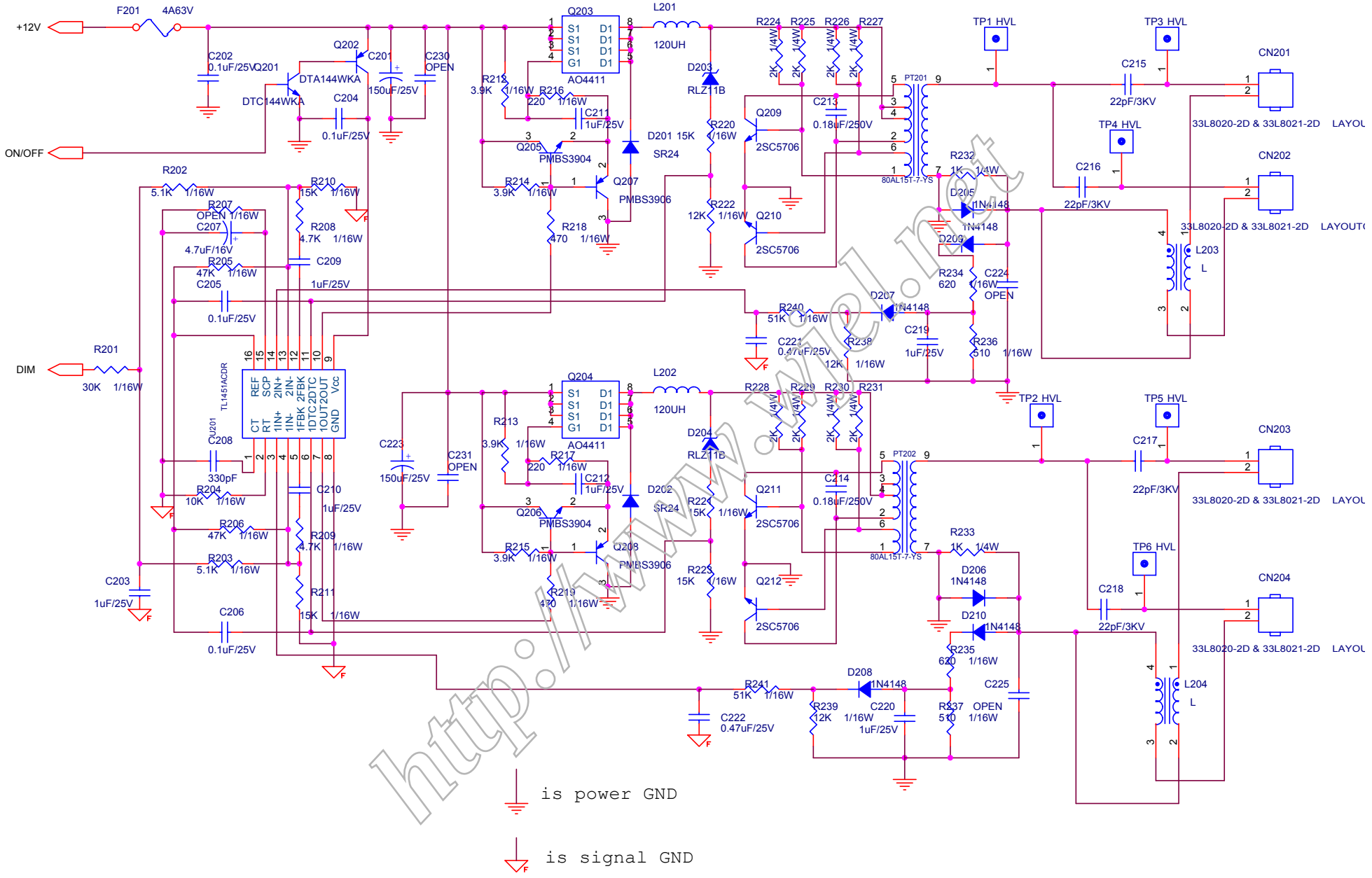
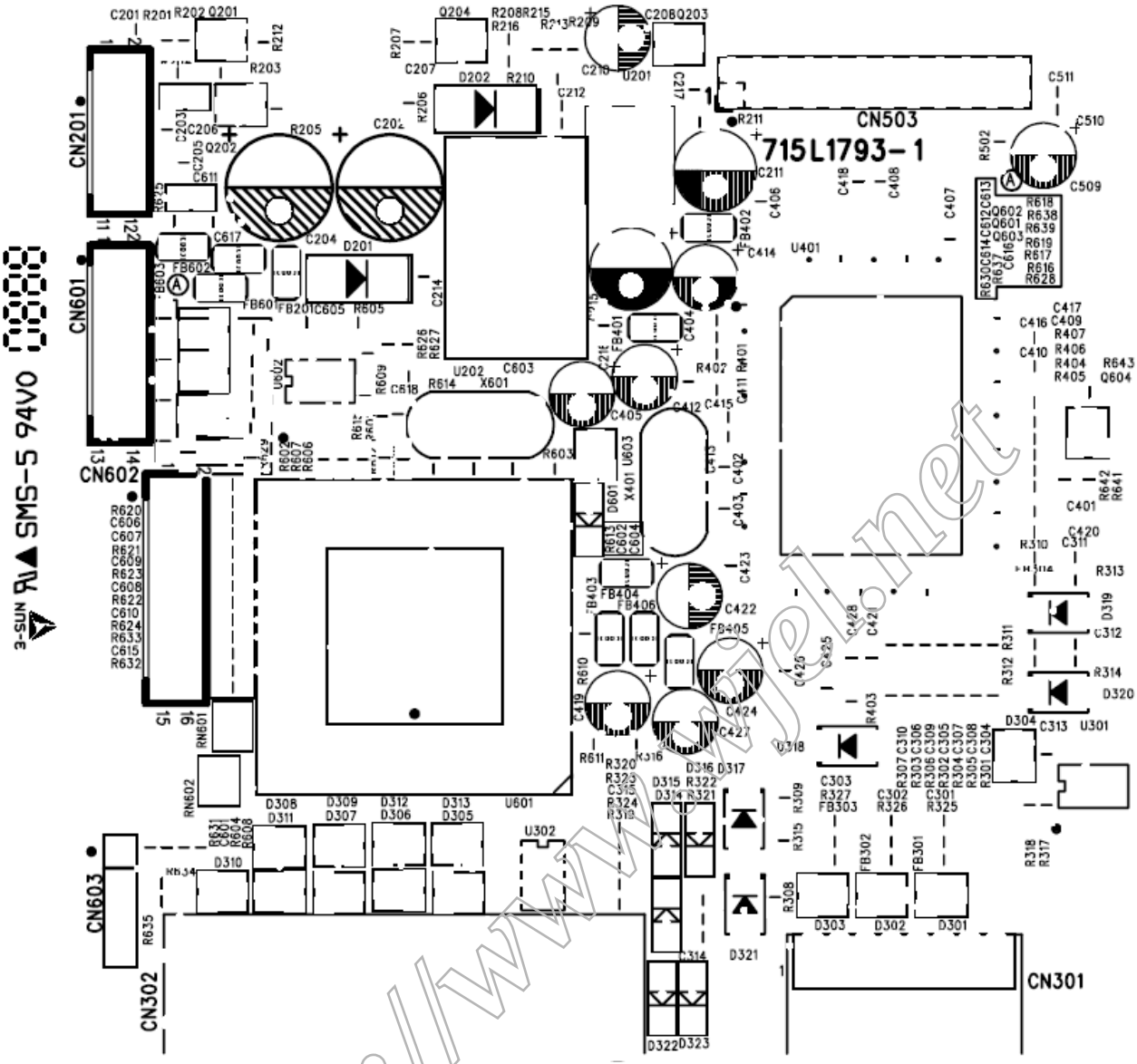


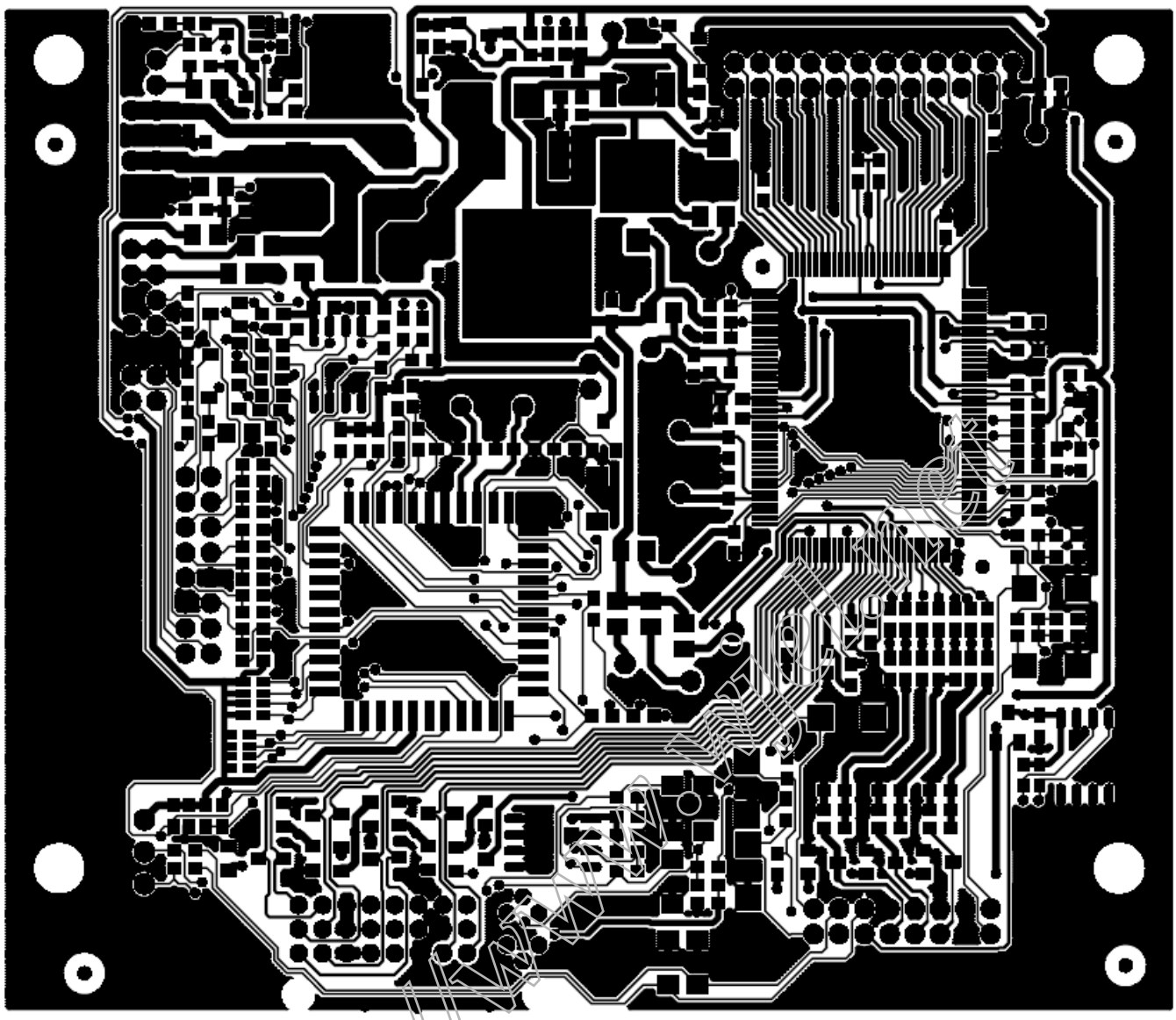
http://www.xie.net

7. PCB Layout

7.1 Main Board

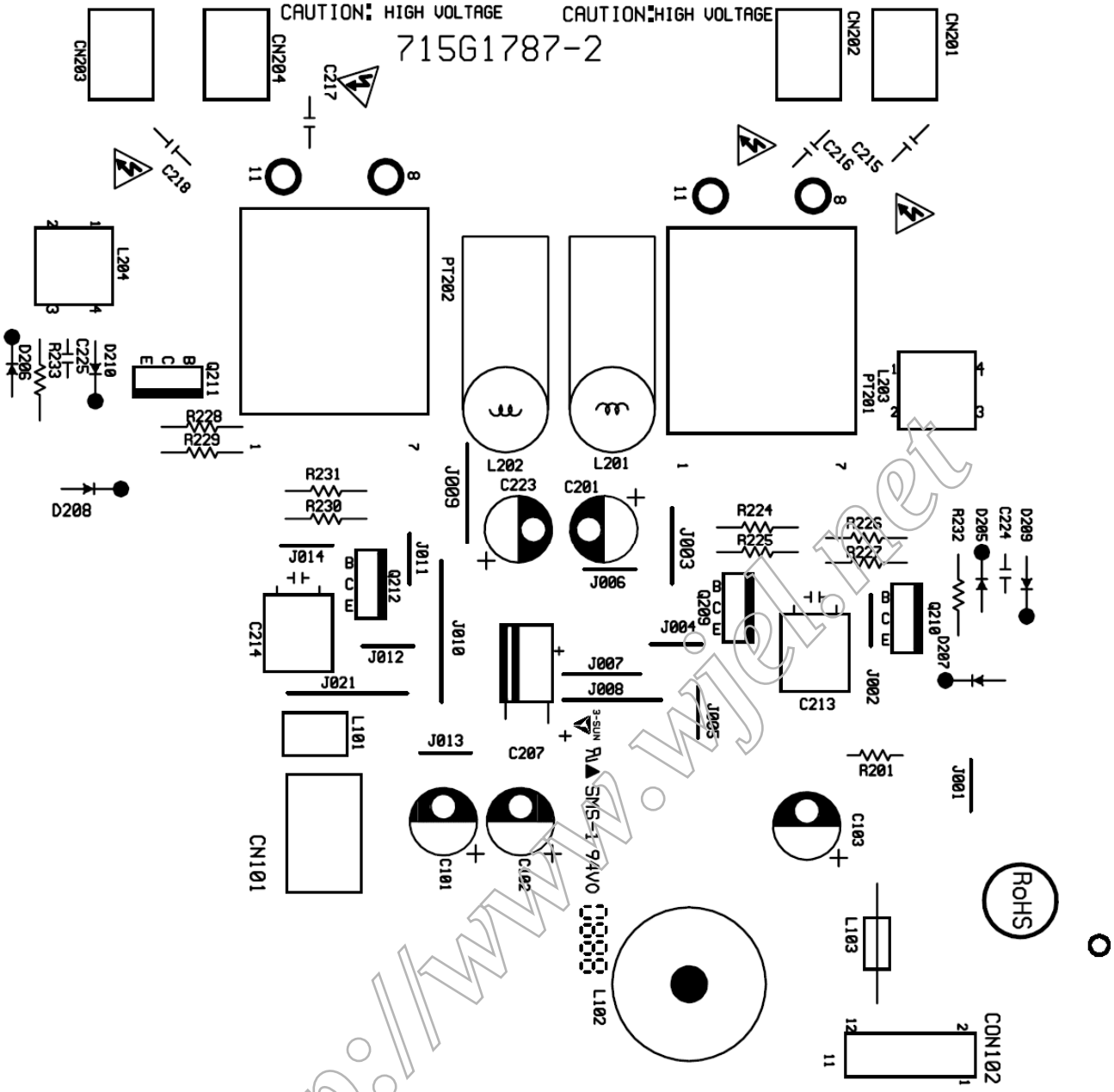


http://www.vjel.net

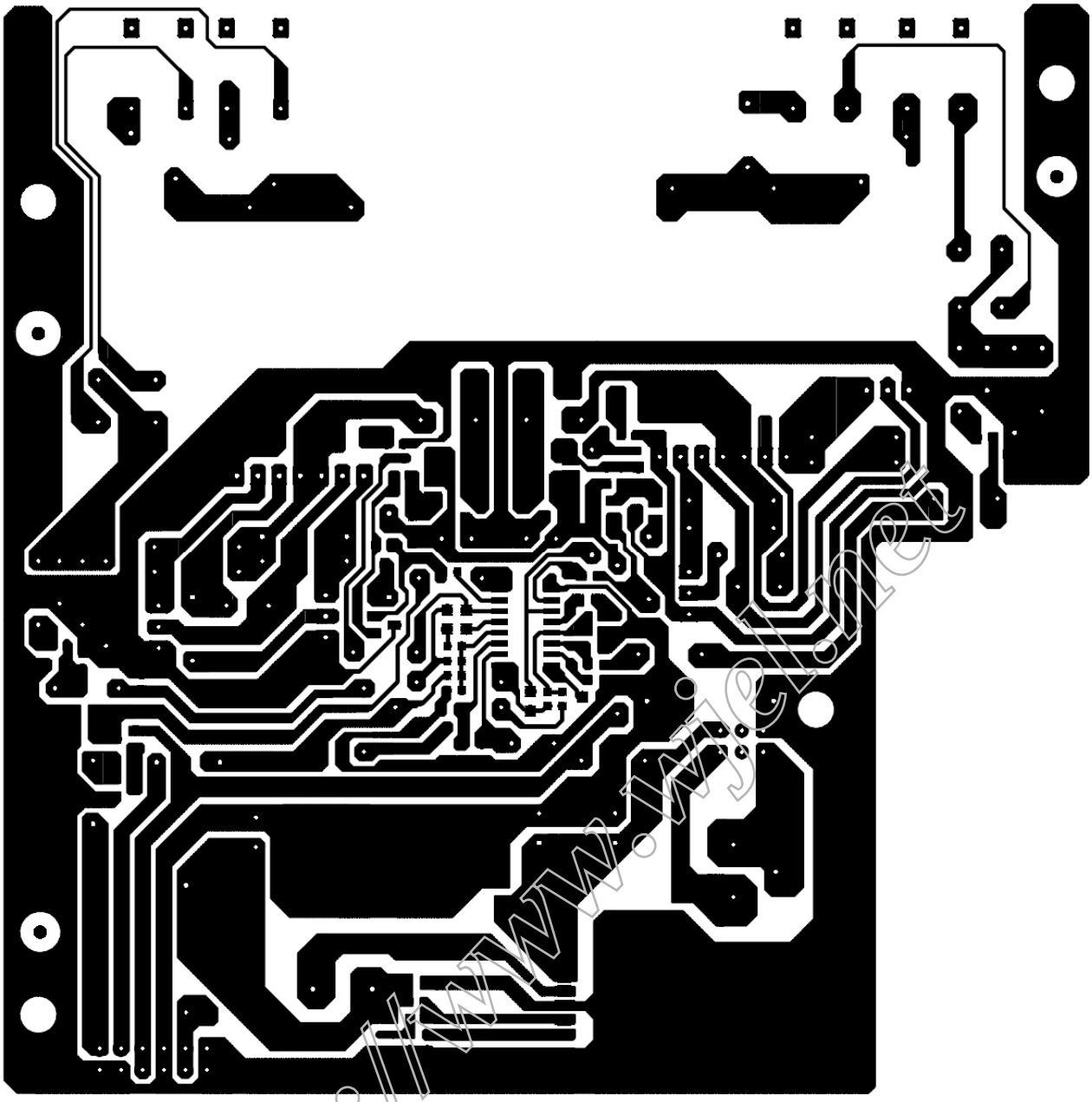


http://www.xinyuan.com

7.2 Power Board

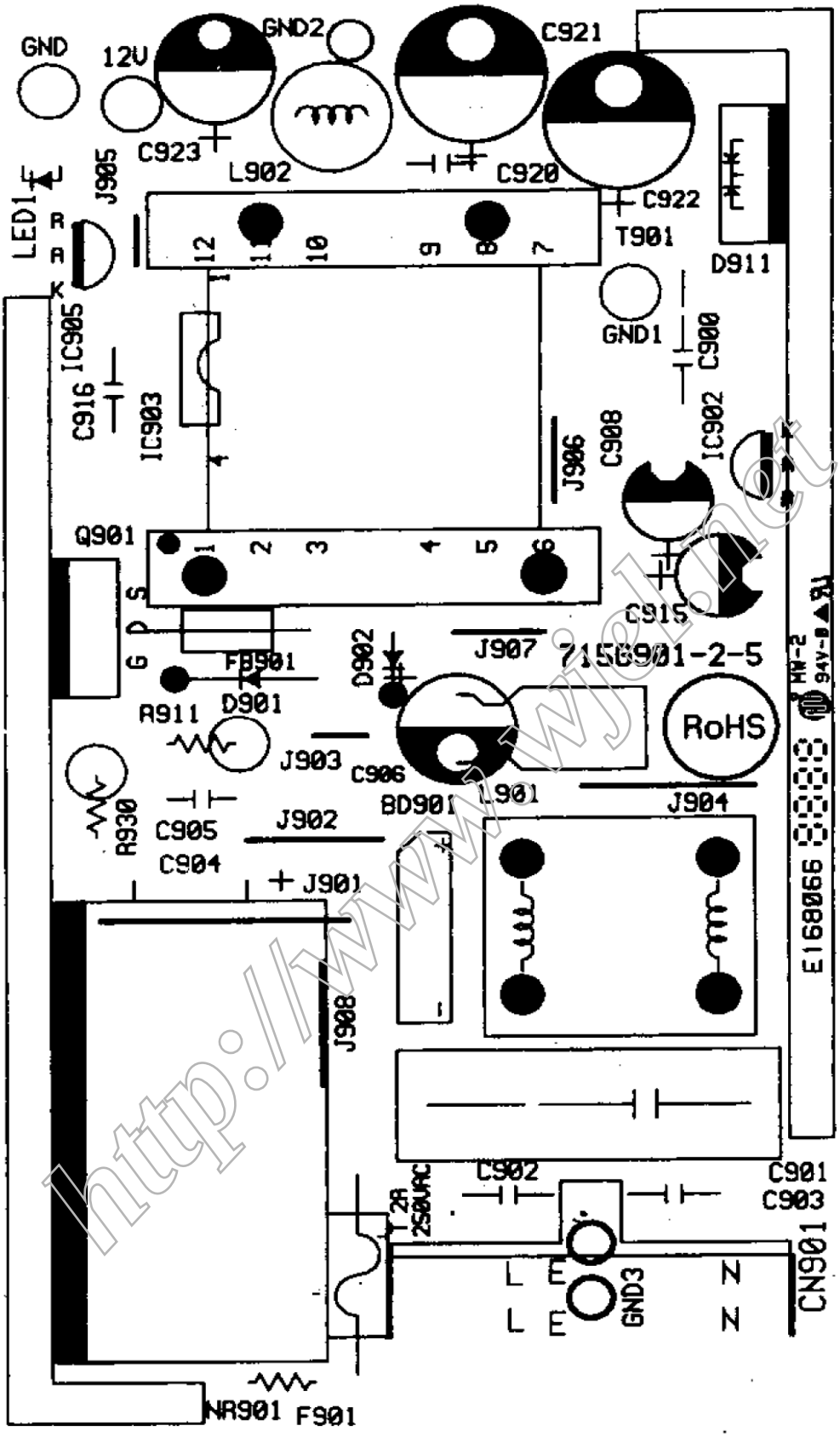


http://www.wjelnet

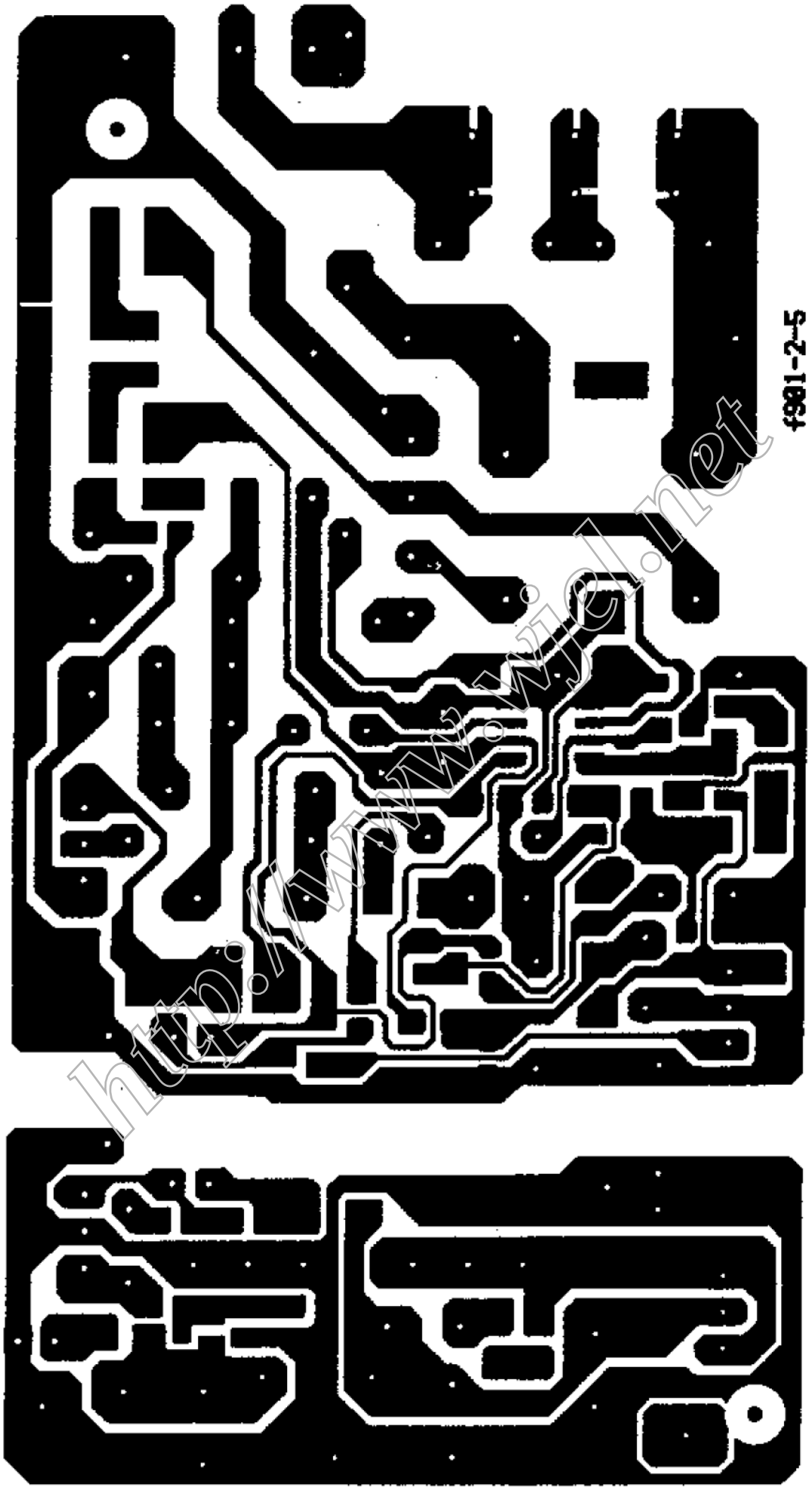


http://www.vinline.net

7.3 Adapter Board

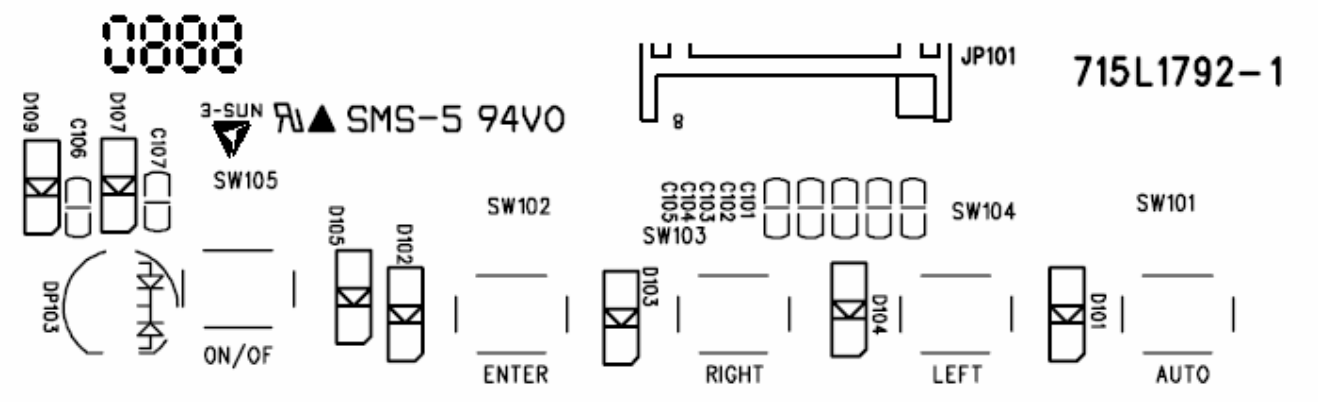


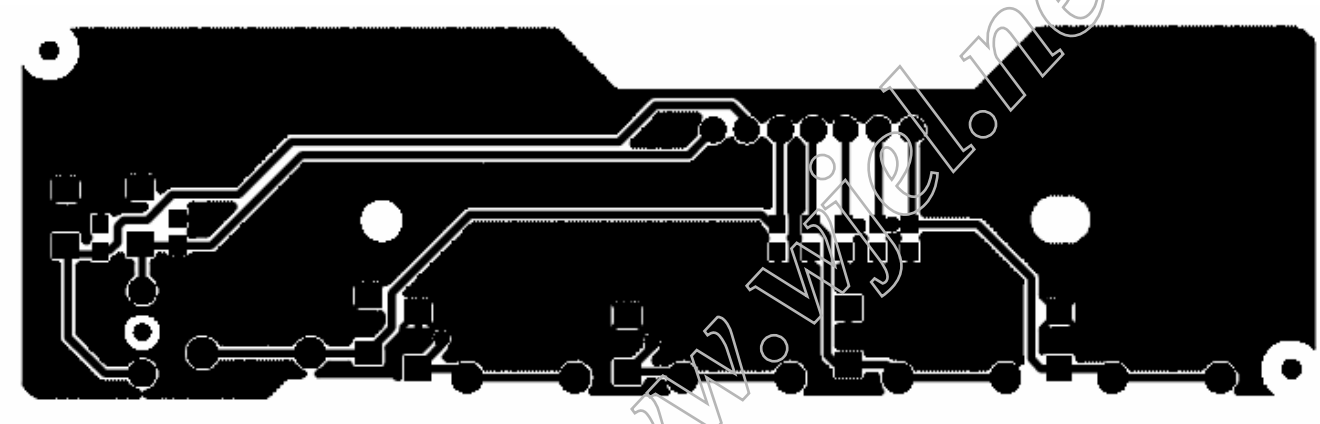
http://www.wiel.net



http://www.vgl.net

7.4 Key Board





http://www.vjel.net

8. Maintainability

8.1 Equipments And Tools Requirement

1. Voltmeter.

2. Oscilloscope.

3. Pattern Generator.

4. DDC Tool with an IBM Compatible Computer.

5. Alignment Tool.

6.LCD Color Analyzer.

7. Service Manual.

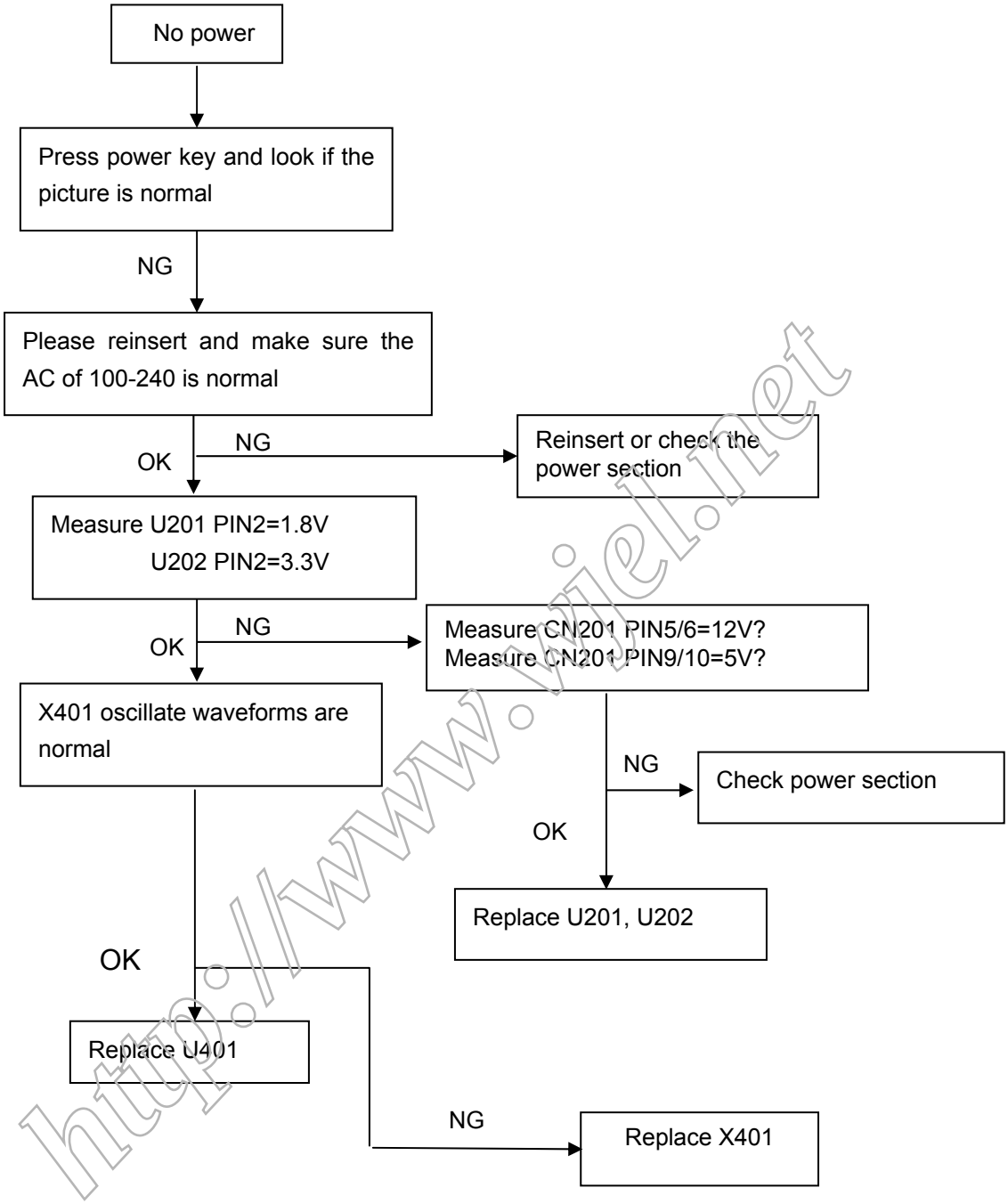
8. User Manual.

http://www.wjel.net

8.2 Trouble Shooting

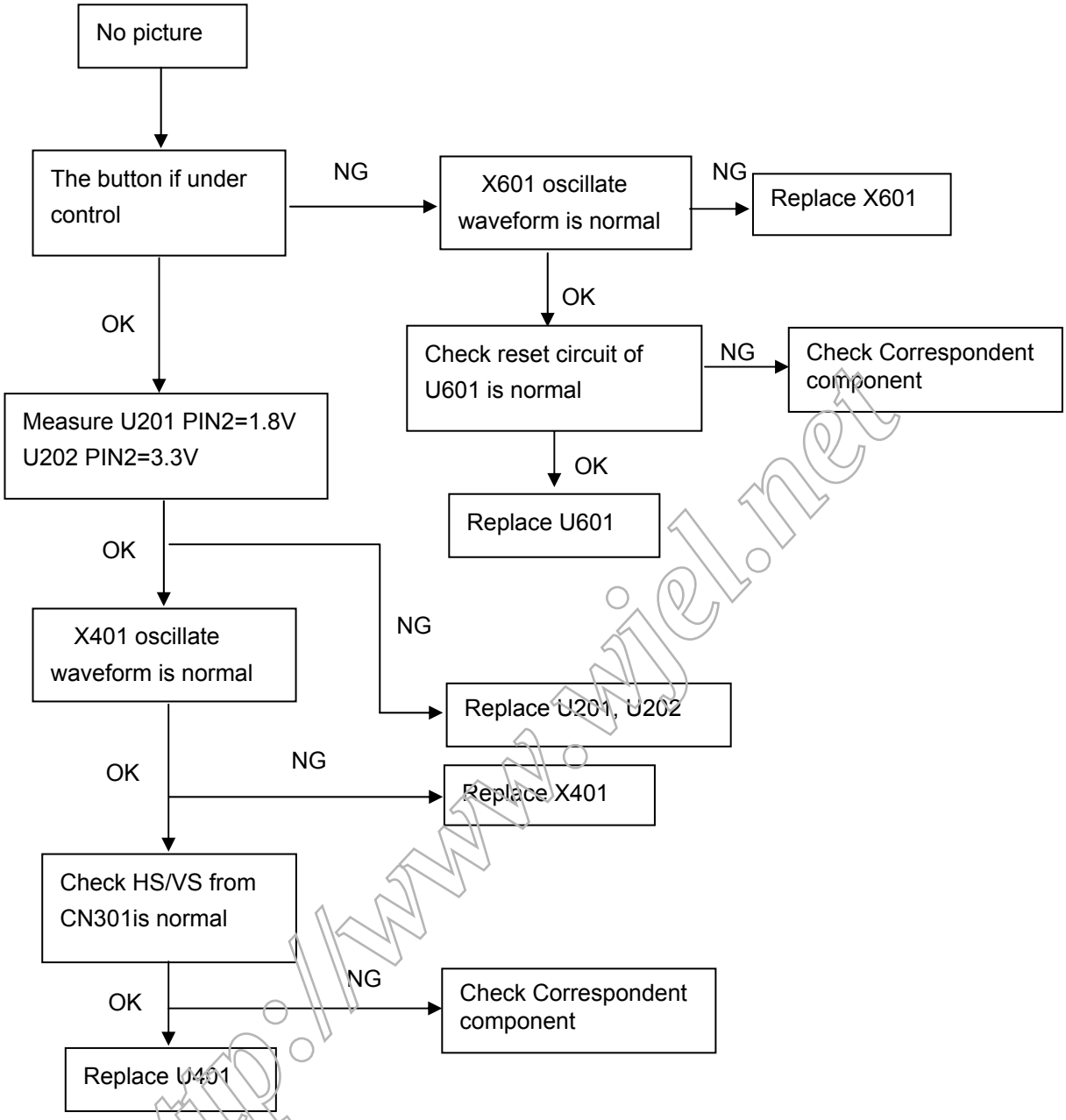
8.2.1 Main Board

No power



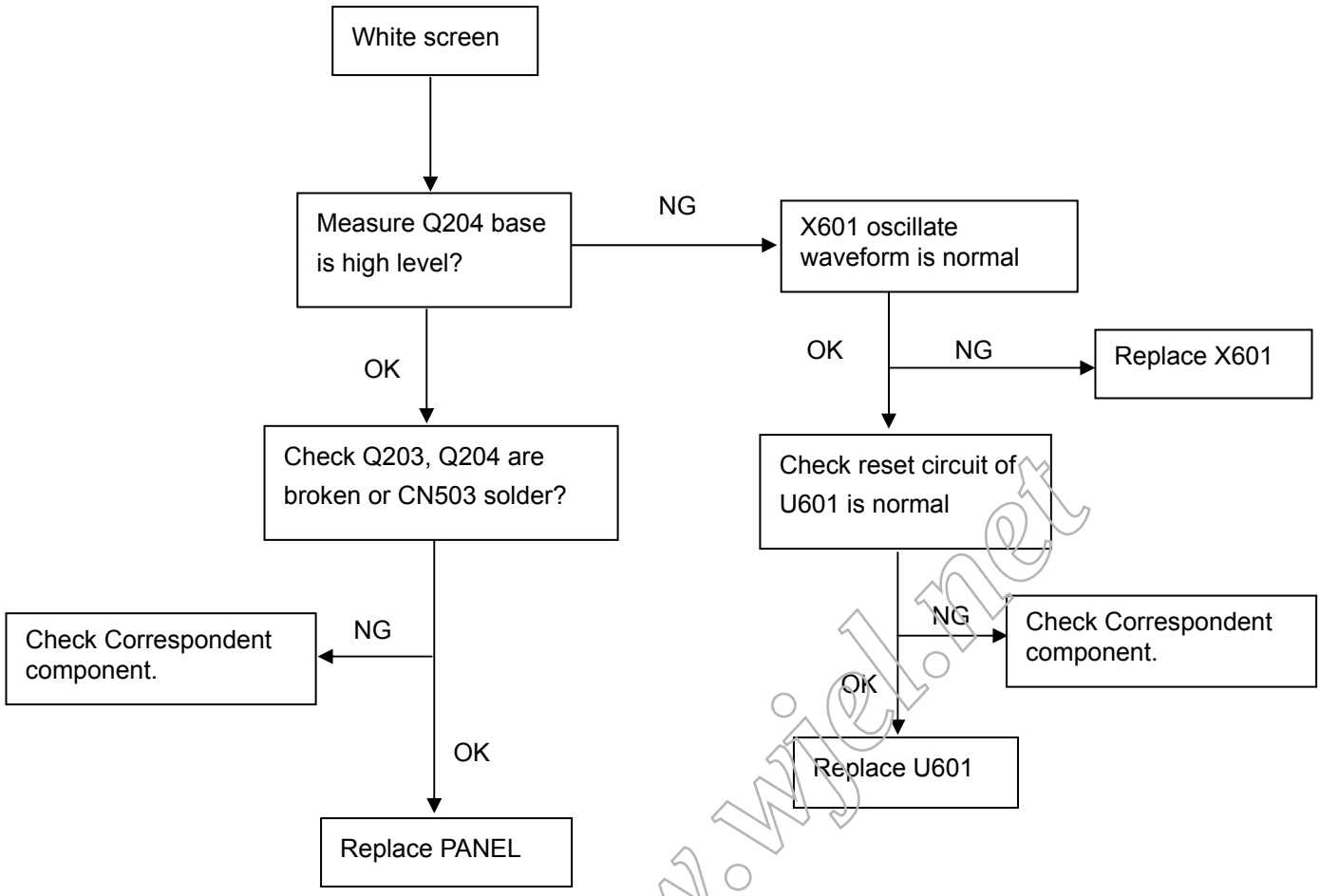
http://www.wiel.net

No Picture (LED orange)



http://www.wiel.net

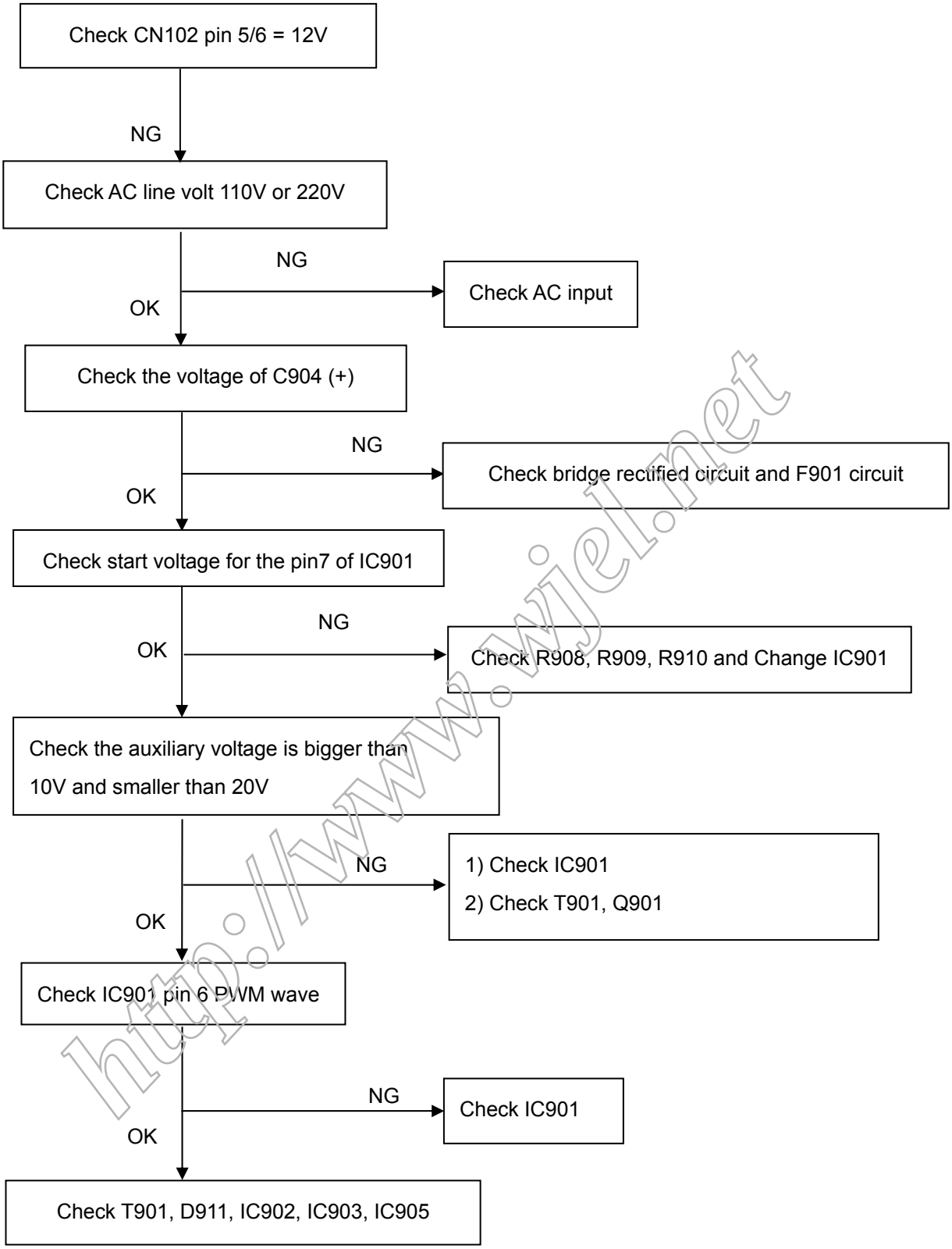
White Screen



http://www.wjel.net

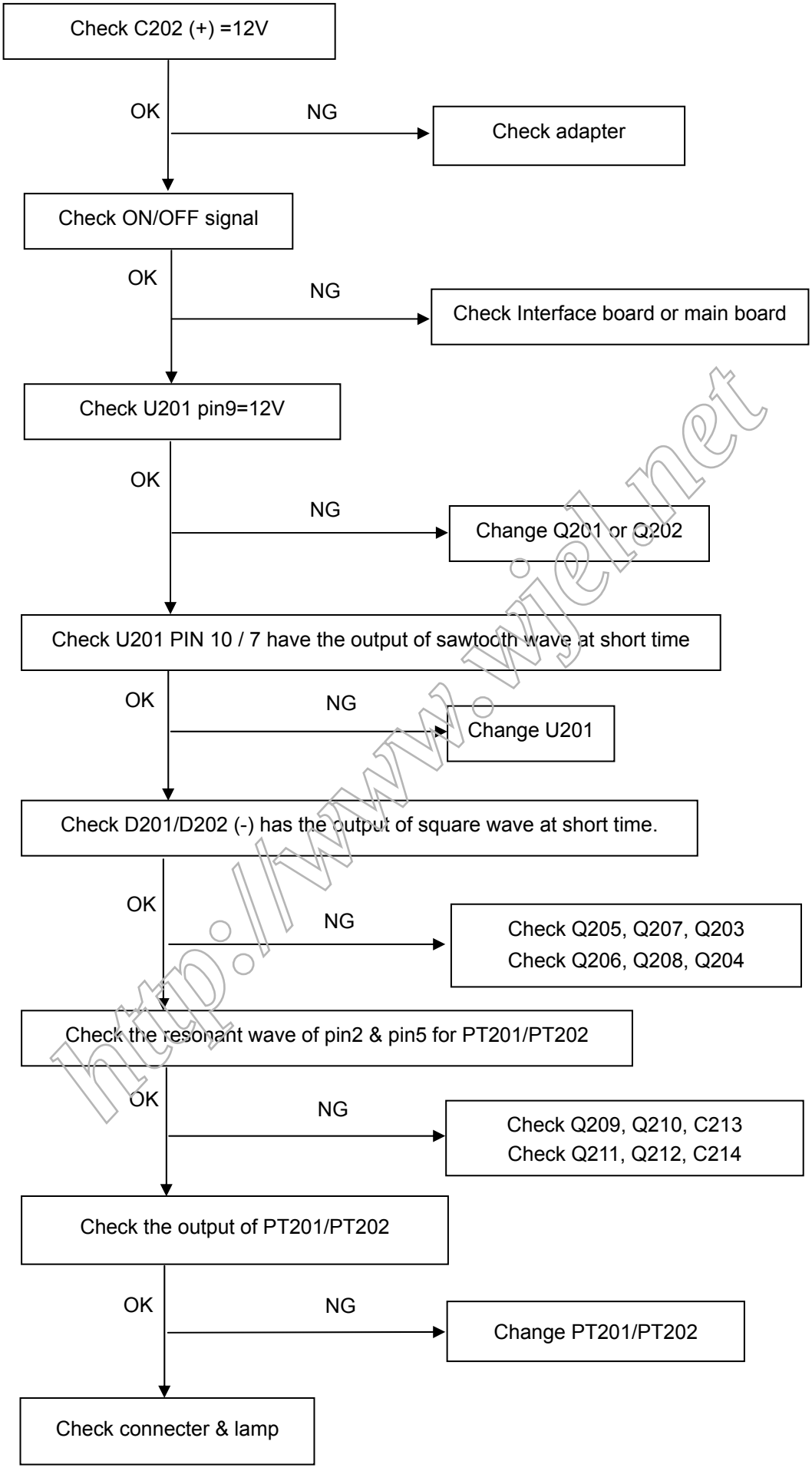
8.2.2 Power/Inverter Board

No power



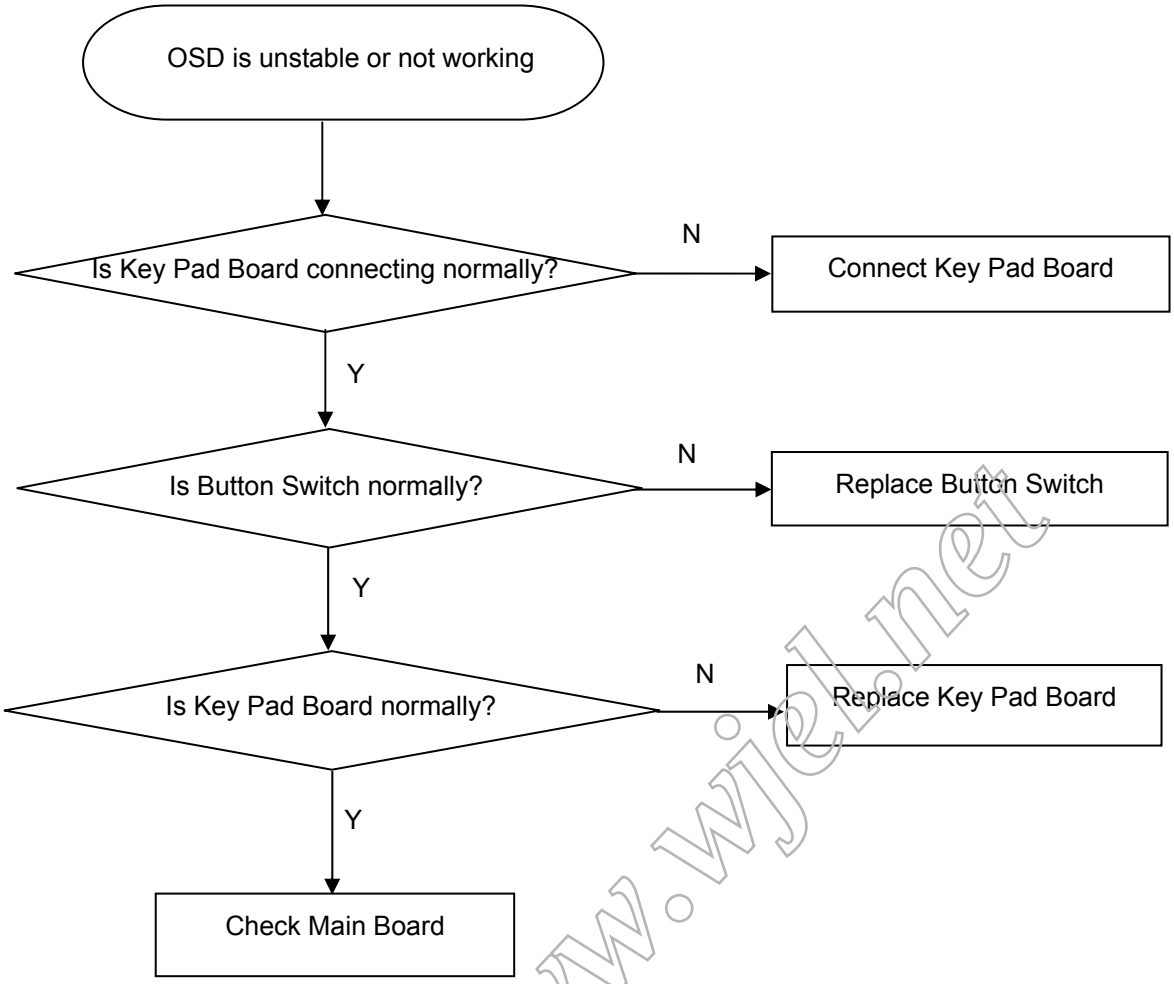
http://www.wjel.net

W / LED, No Backlight



http://www.wiel.net

8.2.3 Keypad Board



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9. White-Balance, Luminance Adjustment

Approximately 30 minutes should be allowed for warm up before proceeding White-Balance adjustment.

1. How to do the Chroma-7120 MEM. Channel setting
   A. Reference to chroma 7120 user guide
   B. Use “SC” key and “NEXT” key to modify xyY value and use “**ID**” key to modify the TEXT description Following is the procedure to do white-balance adjust.

2. Setting the color temp. you want
   A. MEM.CHANNEL 3 (7800K color):
      7800K color temp. parameter is x = 296±20, y = 311±20, Y = 180 cd/m^2 ,
   B. MEM.CHANNEL 4 (6500K color):
      6500K color temp. parameter is x = 313±20, y = 329 ±20, Y =180 cd/m^2

3. Access into factory mode of LXH-GJ17L3
   Turn on power, press the MENU button, pull out the power cord, and then plug the power cord. Then the factory OSD will be at the left top of the panel.

4. Bias adjustment:
   Set the **Contrast** to 50; Adjust the **Brightness** to 80.

5. Gain adjustment:
   Move cursor to “-F-” and press MENU key
   A. Adjust 7800K color-temperature
      1. Switch the Chroma-7120 to **RGB-Mode** (with press “MODE” button)
      2. Switch the MEM. Channel to Channel 3 (with up or down arrow on chroma 7120)
      3. The LCD-indicator on chroma 7120 will show x = 296 ±20, y = 311 ±20, Y = 180 cd/m^2.
      4. Adjust the RED of color1 on factory window until chroma 7120 indicator reached the value R=100
      5. Adjust the GREEN of color1 on factory window until chroma 7120 indicator reached the value G=100
      6. Adjust the BLUE of color1 on factory window until chroma 7120 indicator reached the value B=100
      7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance =100±2

   B. Adjust 6500K color-temperature
      1. Switch the chroma-7120 to **RGB-Mode** (with press “MODE” button)
      2. Switch the MEM.channel to Channel 4(with up or down arrow on chroma 7120)
      3. The LCD-indicator on chroma 7120 will show x = 313±20, y = 329 ±20, Y =180 cd/m^2
      4. Adjust the RED of color3 on factory window until chroma 7120 indicator reached the value R=100
      5. Adjust the GREEN of color3 on factory window until chroma 7120 indicator reachedthe value G=100
      6. Adjust the BLUE of color3 on factory window until chroma 7120 indicator reached the value B=100
      7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance =100±2

   Turn the Power-button off to quit from factory mode.

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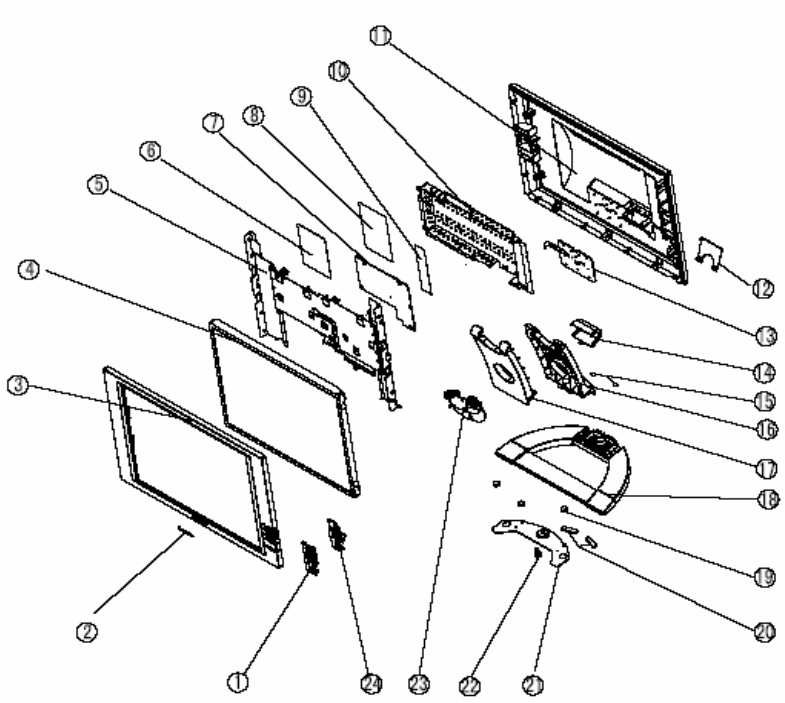
10. Monitor Exploded View



1	KEYPAD AND LENS	33G6407-JF-L AND 33G6409-1
2	LOGO	23G3155608-4A
3	BEZEL	34G6365-AIE-B
4	PANEL	
5	MAINFRAME	15G6323-1
6	MAINBOARD	
7	POWERBOARD	
8	INSULATE SHEET	52G6025-11-952
9	INSULATE SHEET	52G6025-11-953
10	SHIELD	85G6149-1
11	BACKCOVER	34G6366-IG-B
12	DC COVER	33G6410-IG-L
13	HINGER BRACKET	15G6324-1
14	HINGE COVER	33G6409-IG-L
15	SUPPORT BACK	34G6368-IG-B
16	SCREW STOPPER	5G6035-1
17	SUPPOTR FRONT	34G6367-IG-B
18	BASE	34G6369-IG-B
19	RUBBER FOOT	12G6209-1
20	RUBBER FOOT	12G6208-1/2
21	BASE BRACKET	15G6325-1
22	SCREW	1G6022-1
23	HINGE	37G6053-1
24	KEYBOARD	

http://www.wjc.com.tw

11. BOM List

T76CM4CDB5H4NP

Location	Part No.	Description
	015G5689 1 A	GND LUG (AL)
	015G6323 1	MAIN FRAME
	023G3155608 4A	LOGO
	033G6409 IG L	HINGE COVER
	033G6410 IG L	DC COVER
	040G 45760819A	DATE/MODEL LABEL
	040G 58160811A	GREEN DOT LABEL
	041G 68508 A	CONTROL CARD
	044G6002716 6A	PAPER BOARD
	044G9003210	CORNER PAPER
	050G 600 1 W	WHITE STRAP
	050G 600 2	HANDLE1
	050G 600 3	HANDLE2
	052G 1185 56	BIG TAPE FOR LENOVO
	052G 1186	SMALL TAPE
	052G 1209 A	200MINIUM TAPE
	052G 1211 A	165MINIUM TAPE
	052G6025 11952	INSULATE FOR POWER
	052G6025 11953	INSULATE FOR SHIELD
	085G6148 1	SHIELD
	089G1735HAA700	SIGNAL CABLE
E089A	089G410A15N IS	POWER CORD WALL-OUT FOR UK
	095G8018 3X646	LVDS CABLE 30P-24P 135MM
	0G1G1030 6120	SCREW
	0M1G 330 5120	SCREW
	0M1G1030 5120	SCREW SPIN BASE PLATE
	0M1G1130 6120	SCREW
	0M1G1730 6120	SCREW
	0M1G1740 10120	SCREW 42A9940008
	001G6022 1	SCREW
	012G6208 1	WASHER
	012G6208 2	WASHER
	012G6209 1	BASE-FOOT
	015G6324 1	HINGE BRACKET
	015G6325 1	BASE BKT
	033G6407 JF L	KEY PAD
	033G6408 1	LENS
	034G6366 IG B	REAR COVER
	034G6367 IG B	SUPPORT FRONT
	034G6368 IG B	SUPPORT BACK
	034G6369 IG B 20	BASE
	037G6053 1	HINGE

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	0Q1G 340 8120	SCREW
	0Q1G 340 10 47 CR3	SCREW
	0Q1G 340 10120	SCREW
	Q34G6365 YBA1B 30	BEZEL(17")
E750L	750GLC70A7Q 23	PANEL CLAA170EA07Q 2A2 FZ CPT
	ADPC12416BEP	LCD ADAPTER ASS'Y
GND1	009G6002 1	PIN
	033G6007 1	LENS
	040G 45762412B	CBPC LABEL
P051	051G 6 4502	RTV
	052G 1213600	COPPER TAPE
IC903	056G 139 3A	IC PC123Y22FZ0F
C901	063G107K334 U	MPX 0.33/275VAC/+-10%
C902	065G305M1022EM	Y2 1000PF +-20% 250VAC
C903	065G305M1022EM	Y2 1000PF +-20% 250VAC
C916	065G306M3322F2	3300PF +-20% 400VAC Y1
C900	065G306M4722BP	4700PF +-20% 400VAC
C922	067G215S1023KV	105℃ 1000UF M 16V
C921	067G215S1023KV	105℃ 1000UF M 16V
C904	067G305Y10115K	CAP 105℃ 100UF M 450V
	071G 55 2	FERRITE BEAD 6.5*5*1.7
	071G 55 30	FERRITE BEAD 4.0*2*3
L902	073G 253 91 H	CHOKE COIL
L901	073L 174 26T1G	LINE FILTER 27MH
T901	080L 600 3 TF	SRW28EC-T40HO17
LED1	081G 2 3 1P	LED GPG2603T/R006-35A GUANGPU
F901	084G 7H200 SL	250V/2A LIHEL FUSE
CN901	087G 501 10	AC SOCKET
	089G 171511	DC CABLE
BD901	093G 50460502	KBP206G
D901	093G 6026W52T	FR107
D902	093G 6038P52T	PS102R
	096G 29 8	TUBE
	705G 560 57 03	Q901 ASS'Y
Q901	057G 724 4A	STP9NK60ZFP TO-220FP BY ST
	090G 396502 Q	HEAT SINK
	0M1G1730 7120	SCREW
	705G 560 61 03	R930 ASS'Y
R930	061G 2J47852G	RST WWR 0.47 OHM +-5% 2W
	096G 29 8	TUBE
	705G 560 61 04	NR901 ASS'Y
NR901	061G 58080 WT	8 OHM NCT
	705G 780 93 04	D911 ASS'Y
	090G 396503 D	HEAT SINK
D911	093G 60226	STPS20H100CT
	0M1G1730 6120	SCREW

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	705GAD17 61 02	R911 ASS'Y
R911	061G152M10457F	MOFR 100K +-5% 2W
	096G 29 6	H.S. TUBE
	715G 901 1 4	ADAPTER BOARD PCB
IC901	056G 379 27	FA13843N
Q903	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q902	057G 417 6	PMBS3906/PHILIPS-SMT(06)
R928	061G0603102	RST CHIP 1K 1/10W 5%
R937	061G0603243 1F	RST CHIPR 2.43 KOHM +-1% 1/10W
R936	061G0603931 1F	RST CHIPR 9.31 KOHM +-1% 1/10W
R925	061G0805000	0 OHM 1/10W
R915	061G0805101	RST CHIPR 100 OHM +-5% 1/8W
R935	061G0805102	RST CHIPR 1KOHM +-5% 1/8W
R927	061G0805103	10 KOHM 1/10W
R913	061G0805104	RST CHIP 100K 1/8W 5%
R939	061G0805104	RST CHIP 100K 1/8W 5%
R900	061G0805112	RST CHIPR 1.1 KOHM +-5% 1/8W
R922	061G0805114	RST CHIPR 110 KOHM +-5% 1/8W
R918	061G0805133	RST CHIPR 13 KOHM +-5% 1/8W
R919	061G0805203	CHIP 20KOHM 1/10W
R914	061G0805204	RST CHIPR 200 KOHM +-5% 1/8W
R921	061G0805303	RST CHIPR 30 KOHM +-5% 1/8W
R924	061G0805472	RST CHIPR 4.7 KOHM +-5% 1/8W
R917	061G0805473	RST CHIPR 47 KOHM +-5% 1/8W
R920	061G0805473	RST CHIPR 47 KOHM +-5% 1/8W
R929	061G0805821	RST CHIPR 820 OHM +-5% 1/8W
R912	061G1206100	RST CHIP 10R 1/4W 5%
R923	061G1206100	RST CHIP 10R 1/4W 5%
R931	061G1206100	RST CHIP 10R 1/4W 5%
R932	061G1206100	RST CHIP 10R 1/4W 5%
R926	061G1206101	100 1206
R905	061G1206304	300 KOHM 1/8W
R906	061G1206304	300 KOHM 1/8W
R907	061G1206304	300 KOHM 1/8W
R908	061G1206304	300 KOHM 1/8W
R909	061G1206304	300 KOHM 1/8W
R910	061G1206304	300 KOHM 1/8W
R934	061G1206471	470 1206
R933	061G1206472	RST CHIPR 4.7 KOHM +-5% 1/4W
R904	061G1206514	RST CHIPR 510 KOHM +-5% 1/4W
R903	061G1206514	RST CHIPR 510 KOHM +-5% 1/4W
R902	061G1206684	RST CHIPR 680 KOHM +-5% 1/4W
R901	061G1206684	RST CHIPR 680 KOHM +-5% 1/4W
C914	065G0603102 32	1000PF +-10% 50V X7R
C911	065G0603152 32	1500PF +-10% 50V X7R 06
C913	065G0603331 31	330PF +-5% 50V NPO

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C909	065G0805104 22	0.1UF +-10% 25V X7R 080
C928	065G0805104 22	0.1UF +-10% 25V X7R 080
C929	065G0805104 22	0.1UF +-10% 25V X7R 080
C924	065G0805104 27	CHIP CAP 0.1UF Z 25V Y5V
C912	065G0805105 12	1UF +-10% 6V X7R
C917	065G0805221 31	220PF 50V NPO
C930	065G0805334 27	0.33UF 25V
C926	065G0805474 27	CHIP 0.47UF 25V Y5V
C910	065G1206102 31	1000PF 50V NPO 120 +-5%
R938	065G1206102 32	CHIP 1000PF/XTR +-5%
ZD901	093G 39S 15 T	RLZ15B LLDS
D904	093G 64S511SEM	IN4148W
D905	093G 64S511SEM	IN4148W
D906	093G 64S511SEM	IN4148W
T901	006G 31502	1.5MM RIVET
L901	006G 31502	1.5MM RIVET
IC905	056G 158 4 T	H431BA
IC902	056G 158 10 T	IC AZ431AZ-AE1 TO-92 BY AAC
J907	061G 60220252T	CFR 2K C 5% 1/6W
C905	065G 1K152 1T6052	1.5NF /1K Y5P+-10%
C920	065G517K681 2T6921	680PF 500 +-10% 25P
FB901	071G 55 19 T	FERRITE BEAD D9X3. 5X0.8
	715G 901 2 5	ADAPTER BOARD PCB
	ADPC12416BB6P	ADAPTER A6 ASS'Y
	040G 154501 1	HI-POT GND LABEL
	045G 88525 E	PE BAG
	Q40G416B615 2F	RATING LABEL
	W33G4477 B T 30	TOP COVER
	W33G4478 B T	BOTTOM COVER
	CBPC780KC4H2P	MAIN BOARD
CN201	033G8027 12	WAFER 2*6P 2.0MM R/A
CN301	033G8027 16 H	WAFER 16P 2.0MM DIP DUAL ROW R
CN602	033G8027 16 H	WAFER 16P 2.0MM DIP DUAL ROW R
CN503	033G8027 24 H	CONN W TO B12P*2 P*2.0 4505-2
	040G 45762412B	CBPC LABEL
C204	067G215B2214HV	LOW ESR 220UF 25V 8*11
C202	067G215B2214HV	LOW ESR 220UF 25V 8*11
X401	093G 22 53 J	14.31818MHZ/32PF/49US
X601	093G 22 55 J	20MHZ/20PF/49US
	040G 457624 1B	LABEL-CPU
U401	056G 562 86	TSU16AK PQFP-128 BY MST
U202	056G 563 7	IC AIC1084-33PMTR-R AIC
U201	056G 563 31	AI1117D-1.8-EI
U603	056G 643 5A	MAX810 STRG
U601	056G1125137 X	W78E065A40PL PLCC44
U301	056G1133 34	M24C02-WMN6TP

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U602	056G1133 56	M24C16-WMN6TP
Q201	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q202	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q204	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q601	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q602	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q603	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q203	057G 763 1	A03401 SOT23 BY AOS(A1)
RN601	061G 125472 8	RST CHIP AR 8P4R 4.7 KOHM +-5% 1/16W
RN602	061G 125472 8	RST CHIP AR 8P4R 4.7 KOHM +-5% 1/16W
FB301	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
FB302	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
FB303	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R209	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R502	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R301	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R302	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R303	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R305	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R306	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R307	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R309	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R312	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R315	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R316	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R402	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R608	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R609	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R634	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R635	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R636	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R639	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R624	061G0603102	RST CHIP 1K 1/10W 5%
R623	061G0603102	RST CHIP 1K 1/10W 5%
R622	061G0603102	RST CHIP 1K 1/10W 5%
R621	061G0603102	RST CHIP 1K 1/10W 5%
R620	061G0603102	RST CHIP 1K 1/10W 5%
R311	061G0603102	RST CHIP 1K 1/10W 5%
R310	061G0603102	RST CHIP 1K 1/10W 5%
R203	061G0603102	RST CHIP 1K 1/10W 5%
R602	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R601	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R407	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R406	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R405	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R404	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W

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R314	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R202	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R204	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R206	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R208	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R211	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R308	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R615	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R614	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R613	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R607	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R606	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R605	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R604	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R215	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W
R617	061G0603121	RST CHIPR 120 OHM +-5% 1/10W
R618	061G0603121	RST CHIPR 120 OHM +-5% 1/10W
R313	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W
R403	061G0603390 0F	RST CHIPR 390 OHM +-1% 1/10W
R304	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R318	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R616	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R619	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R317	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R212	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R207	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R205	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R201	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R325	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
R326	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
R327	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
C307	065G0603102 32	1000PF +-10% 50V X7R
C606	065G0603102 32	1000PF +-10% 50V X7R
C607	065G0603102 32	1000PF +-10% 50V X7R
C608	065G0603102 32	1000PF +-10% 50V X7R
C609	065G0603102 32	1000PF +-10% 50V X7R
C610	065G0603102 32	1000PF +-10% 50V X7R
C407	065G0603104 32	CHIP 0.1UF 50V X7R
C406	065G0603104 32	CHIP 0.1UF 50V X7R
C404	065G0603104 32	CHIP 0.1UF 50V X7R
C401	065G0603104 32	CHIP 0.1UF 50V X7R
C313	065G0603104 32	CHIP 0.1UF 50V X7R
C216	065G0603104 32	CHIP 0.1UF 50V X7R
C408	065G0603104 32	CHIP 0.1UF 50V X7R
C409	065G0603104 32	CHIP 0.1UF 50V X7R
C410	065G0603104 32	CHIP 0.1UF 50V X7R

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C618	065G0603104 32	CHIP 0.1UF 50V X7R
C601	065G0603104 32	CHIP 0.1UF 50V X7R
C511	065G0603104 32	CHIP 0.1UF 50V X7R
C510	065G0603104 32	CHIP 0.1UF 50V X7R
C428	065G0603104 32	CHIP 0.1UF 50V X7R
C426	065G0603104 32	CHIP 0.1UF 50V X7R
C425	065G0603104 32	CHIP 0.1UF 50V X7R
C423	065G0603104 32	CHIP 0.1UF 50V X7R
C421	065G0603104 32	CHIP 0.1UF 50V X7R
C420	065G0603104 32	CHIP 0.1UF 50V X7R
C418	065G0603104 32	CHIP 0.1UF 50V X7R
C417	065G0603104 32	CHIP 0.1UF 50V X7R
C416	065G0603104 32	CHIP 0.1UF 50V X7R
C415	065G0603104 32	CHIP 0.1UF 50V X7R
C413	065G0603104 32	CHIP 0.1UF 50V X7R
C412	065G0603104 32	CHIP 0.1UF 50V X7R
C411	065G0603104 32	CHIP 0.1UF 50V X7R
C214	065G0603104 32	CHIP 0.1UF 50V X7R
C212	065G0603104 32	CHIP 0.1UF 50V X7R
C210	065G0603104 32	CHIP 0.1UF 50V X7R
C205	065G0603104 32	CHIP 0.1UF 50V X7R
C203	065G0603104 32	CHIP 0.1UF 50V X7R
C201	065G0603104 32	CHIP 0.1UF 50V X7R
C207	065G060310432T	MLCC 0603 CAP 0.1UF K 50V X7R
C402	065G0603220 31	CER1 0603 NP0 50V 22P PM
C403	065G0603220 31	CER1 0603 NP0 50V 22P PM
C602	065G0603220 31	CER1 0603 NP0 50V 22P PM
C604	065G0603220 31	CER1 0603 NP0 50V 22P PM
C312	065G0603221 31	CER1 0603 NP0 50V 220P P
C605	065G0603224 17	CAP:CER 0.22UF-20%-80% 16V
C311	065G0603330 31	CER1 0603 NP0 50V 33P PM
C304	065G0603473 32	CHIP 0.047UF 50V X7R
C305	065G0603473 32	CHIP 0.047UF 50V X7R
C306	065G0603473 32	CHIP 0.047UF 50V X7R
C308	065G0603473 32	CHIP 0.047UF 50V X7R
C309	065G0603473 32	CHIP 0.047UF 50V X7R
C310	065G0603473 32	CHIP 0.047UF 50V X7R
C217	065G0603683 32	CHIP 0.068UF 50L X7R
C206	065G0805105 22	CHIP 1UF 25V X7R 0805
FB304	071G 56G151 A	TB160808G151
FB406	071G 56Z601	CHIP BEAD 600 OHM 0805
FB405	071G 56Z601	CHIP BEAD 600 OHM 0805
FB404	071G 56Z601	CHIP BEAD 600 OHM 0805
FB403	071G 56Z601	CHIP BEAD 600 OHM 0805
FB402	071G 56Z601	CHIP BEAD 600 OHM 0805
FB401	071G 56Z601	CHIP BEAD 600 OHM 0805

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FB201	071G 56Z601	CHIP BEAD 600 OHM 0805
D323	093G 39147	TZMC5V6
D322	093G 39147	TZMC5V6
D321	093G 39147	TZMC5V6
D320	093G 39147	TZMC5V6
D319	093G 39147	TZMC5V6
D318	093G 39147	TZMC5V6
D317	093G 39147	TZMC5V6
D304	093G 64 42 P	BAV70 SOT23 BY PAN JIT
D303	093G 6433P	BAV99
D302	093G 6433P	BAV99
D301	093G 6433P	BAV99
D201	093G1004 3	SS14
D202	093G1020 1 S	GS1D
	715G1793 1	MAIN BOARD PCB
	IDPC1742HDL1P	INVERTER BOAR
CN203	033G8021 2E U	WAFER
CN202	033G8021 2E U	WAFER
CN201	033G8021 2E U	WAFER
CN204	033G8021 2E U	WAFER
	040G 45762412B	CBPC LABEL
P051	051G 6 4503	RTV
Q212	057G 761 6	2SC5706-P-E
Q211	057G 761 6	2SC5706-P-E
Q210	057G 761 6	2SC5706-P-E
Q209	057G 761 6	2SC5706-P-E
C214	063G210J1842AC	FILM CAP 0.18UF J 250V
C213	063G210J1842AC	FILM CAP 0.18UF J 250V
C218	065G 3J2206ET	22PF 5% SL 3KV TDK
C217	065G 3J2206ET	22PF 5% SL 3KV TDK
C216	065G 3J2206ET	22PF 5% SL 3KV TDK
C215	065G 3J2206ET	22PF 5% SL 3KV TDK
C103	067G215B471 3K	470UF +-20% 16V
C223	067G215C151 4K	"LOW E,S,R 150UF +-20% 25"
C201	067G215C151 4K	"LOW E,S,R 150UF +-20% 25"
L101	071G 55 28	FERRITE BEAD 7.62*5.08*
L203	073G 174 30 HA	FILTER
L204	073G 174 30 HA	FILTER
L201	073G 253139 Y	CHOKE COIL
L202	073G 253139 Y	CHOKE COIL
PT202	080LL15T 7DNG	X'FMR
PT201	080LL15T 7DNG	X'FMR
CON102	095G8014 6512	WIRE HARNESS
	705G88717KR	DC'S ASS'Y
	071G 100512	CORE
CN101	088G 304 7K M	DC JACK

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U101	056G 563 20	AP1501-50K5A
U201	056G 622 1	BA9741F-SMT
Q205	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q206	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q207	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q208	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q202	057G 760 4	DTA144WKA BY ROHM SMT
Q201	057G 760 5	DTC144WKA BY ROHM SMT
Q203	057G 763 3	AO4411 SO-8
Q204	057G 763 3	AO4411 SO-8
R102	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R204	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R222	061G0603123	RST CHIPR 12 KOHM +-5% 1/10W
R223	061G0603123	RST CHIPR 12 KOHM +-5% 1/10W
R238	061G0603123	RST CHIPR 12 KOHM +-5% 1/10W
R239	061G0603123	RST CHIPR 12 KOHM +-5% 1/10W
R210	061G0603153	RST CHIPR 15KOHM +-5% 1/10W
R211	061G0603153	RST CHIPR 15KOHM +-5% 1/10W
R220	061G0603153	RST CHIPR 15KOHM +-5% 1/10W
R221	061G0603153	RST CHIPR 15KOHM +-5% 1/10W
R216	061G0603221	RST CHIPR 220 OHM +-5% 1/10W
R217	061G0603221	RST CHIPR 220 OHM +-5% 1/10W
R212	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R213	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R214	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R215	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R218	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R219	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R208	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R209	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R205	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W
R206	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W
R202	061G0603512	RST CHIPR 5.1 KOHM +-5% 1/10W
R203	061G0603512	RST CHIPR 5.1 KOHM +-5% 1/10W
R241	061G0603513	RST CHIPR 51 KOHM +-5% 1/10W
R240	061G0603513	RST CHIPR 51 KOHM +-5% 1/10W
R237	061G0603561	RST CHIPR 560 OHM +-5% 1/10W
R236	061G0603561	RST CHIPR 560 OHM +-5% 1/10W
R235	061G0603621	RST CHIPR 620 OHM +-5% 1/10W
R234	061G0603621	RST CHIPR 620 OHM +-5% 1/10W
C206	065G0805104 22	0.1UF +-10% 25V X7R 080
C205	065G0805104 22	0.1UF +-10% 25V X7R 080
C204	065G0805104 22	0.1UF +-10% 25V X7R 080
C202	065G0805104 22	0.1UF +-10% 25V X7R 080
C110	065G0805104 22	0.1UF +-10% 25V X7R 080
C109	065G0805104 22	0.1UF +-10% 25V X7R 080

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C108	065G0805104 22	0.1UF +-10% 25V X7R 080
C104	065G0805105 27	CHIP 1UF Y5V 0805
C203	065G0805105 27	CHIP 1UF Y5V 0805
C209	065G0805105 27	CHIP 1UF Y5V 0805
C210	065G0805105 27	CHIP 1UF Y5V 0805
C211	065G0805105 27	CHIP 1UF Y5V 0805
C212	065G0805105 27	CHIP 1UF Y5V 0805
C219	065G0805105 27	CHIP 1UF Y5V 0805
C220	065G0805105 27	CHIP 1UF Y5V 0805
C208	065G0805331 31	CHIP 330PF 50V NPO
C221	065G0805474 27	CHIP 0.47UF 25V Y5V
C222	065G0805474 27	CHIP 0.47UF 25V Y5V
D203	093G 39S 3 T	BZT52-C11
D204	093G 39S 3 T	BZT52-C11
D201	093G2004 2A	SM240A DO-214AC
D202	093G2004 2A	SM240A DO-214AC
D101	093G3004 2	SR34 PAN JIT
L102	006G 31502	1.5MM RIVET
PT202	006G 31502	1.5MM RIVET
	715G1787 2	POWER BOARD PCB
J010	071G 55 19 T	FERRITE BEAD D9X3. 5X0.8
PT201	006G 31502	1.5MM RIVET
R224	061G 17210252T	1K OHM 5% 1/4W
R225	061G 17210252T	1K OHM 5% 1/4W
R226	061G 17210252T	1K OHM 5% 1/4W
R227	061G 17210252T	1K OHM 5% 1/4W
R228	061G 17210252T	1K OHM 5% 1/4W
R229	061G 17210252T	1K OHM 5% 1/4W
R230	061G 17210252T	1K OHM 5% 1/4W
R231	061G 17210252T	1K OHM 5% 1/4W
R232	061G 17210252T	1K OHM 5% 1/4W
R233	061G 17210252T	1K OHM 5% 1/4W
R201	061G 602303527	30KOHM 5% 1/6W
L103	071G 55 19 T	FERRITE BEAD D9X3. 5X0.8
D205	093G 64 1152T	1N4148
D206	093G 64 1152T	1N4148
D207	093G 64 1152T	1N4148
D208	093G 64 1152T	1N4148
D209	093G 64 1152T	1N4148
D210	093G 64 1152T	1N4148
L102	S73G253138V	CHOKE COIL ASS'Y
	KEPC780KKLHNP	KEY BOARD
SW105	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW103	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW104	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW102	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP

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SW101	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP
DP103	081G 12 2 GP	GP36032ME/50-ZO
JP101	095G8014 16625	HARNESS
C101	065G0603104 32	CHIP 0.1UF 50V X7R
C102	065G0603104 32	CHIP 0.1UF 50V X7R
C103	065G0603104 32	CHIP 0.1UF 50V X7R
C104	065G0603104 32	CHIP 0.1UF 50V X7R
C105	065G0603104 32	CHIP 0.1UF 50V X7R
C106	065G0603104 32	CHIP 0.1UF 50V X7R
C107	065G0603104 32	CHIP 0.1UF 50V X7R
D101	093G 39S 24 T	RLZ 5.6B LLDS
D102	093G 39S 24 T	RLZ 5.6B LLDS
D103	093G 39S 24 T	RLZ 5.6B LLDS
D104	093G 39S 24 T	RLZ 5.6B LLDS
D109	093G 39S 24 T	RLZ 5.6B LLDS
D107	093G 39S 24 T	RLZ 5.6B LLDS
D105	093G 39S 24 T	RLZ 5.6B LLDS
	715G1792 1	KEY BOARD PCB
	Q07G 8 3 6	COMPOUND PALLET
	Q07G 8 3 7	COMPOUND PALLET
	Q40G 17E608 2B	RATING LABEL
	Q40G 582608 2B	CARTON LABEL
	Q41G780060816A	QSG
	Q44G7032 1	EPS(L)
	Q44G7032 2	EPS(R)
	Q44G7032 3EPE	EPE
	Q44G7032608 1B	CARTON
	Q45G 88607 27	PE BAG FOR BASE
	Q45G 88609 94	EPE BAG FOR MONITOR
	Q52G6020 64 L	PET PROTECT FILM
	040G 58162435A	P/N LABEL
	041G 68615 3B	TCO'95 CARD
	Q41G780060837A	STW FOR AP
	Q45G 76 28A27	PE BAG FOR MANUAL
	Q70G7006608 5A	CD MANUAL

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12. Different Parts List

Diversity of T76CM4CDB5H6NP compared with T76CM4CDB5H4NP		
Location	**Part No.**	**Description**
E089A	089G404A15N YH	POWER CORD

Diversity of T76CM4CDB5H8NP compared with T76CM4CDB5H4NP		
Location	**Part No.**	**Description**
E089A	089G404A15N YH	POWER CORD

Diversity of T76CM4CCB5H4N compared with T76CM4CDB5H4NP		
Location	**Part No.**	**Description**
	040G 581 26704	SHIPPING LABEL
	Q40G 582608 2C	CARTON LABEL
	Q44G7032608 3B	CARTON
	Q70G7006608 1C	CD MANUAL

Diversity of T77CM4CCB5H4N compared with T76CM4CDB5H4NP		
Location	**Part No.**	**Description**
	040G 581 26704	SHIPPING LABEL
	089G1735GAA700	SIGNAL CABLE
E750L	750GLC70A7P13N	PANEL CLAA170EA07P 000 FZ CPT
	CBPC7CM4H4Q1	MAIN BOARD
	Q40G 582608 2C	CARTON LABEL
	Q44G7032608 3B	CARTON
	Q70G7006608 1C	CD MANUAL

Diversity of T77CM4CDB5H4N compared with T76CM4CDB5H4NP		
Location	**Part No.**	**Description**
	089G1735GAA700	SIGNAL CABLE
E750L	750GLC70A7P13N	PANEL CLAA170EA07P 000 FZ CPT
	CBPC7CM4H4Q1	MAIN BOARD
	Q40G 582608 2C	CARTON LABEL
	Q44G7032608 3B	CARTON
	Q70G7006608 1C	CD MANUAL

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Diversity of T77CM4CCB5H4N compared with T76CM4CDB5H4NP		
Location	**Part No.**	**Description**
	040G 581 26704	SHIPPING LABEL
	089G1735GAA700	SIGNAL CABLE
E750L	750GLB70A7P41N	PANEL CLAA170EA07P 040 FQ CTOC
	CBPC7CM4H4Q2	MAIN BOARD
	IDPC1742HDL3P	INVERTER BOARD
CN201	033G8021 2E AC	WAFER
CN202	033G8021 2E AC	WAFER
CN203	033G8021 2E AC	WAFER
CN204	033G8021 2E AC	WAFER
U101	056G 563 11	S1-8050SD
R236	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R237	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
PT202	S80LL15T7VG	TRANSFORMER ASS'Y
	S80LL15T7VGZ	TRANSFORMER ASS'Y
PT201	S80LL15T7VG	TRANSFORMER ASS'Y
	S80LL15T7VGZ	TRANSFORMER ASS'Y
	Q40G 582608 2C	CARTON LABEL
	Q44G7032608 3B	CARTON
	Q70G7006608 1C	CD MANUAL

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